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1879

SCHLEGEL, EVERETT & CO'S

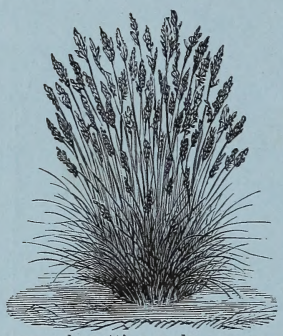
RETAIL

Price-List and Catalogue

OF

SEEDS.

FOWL MEADOW GRASS.



This most valuable grass is not so well known or disseminated as it deserves to be. For wet meadows it is the most valuable variety that can be grown, in fact, is the only good cultivated grass that will succeed on such bottoms, while on moist uplands, it is quite as successful as Red Top, which it much resembles, yielding a heavier crop, and of excellent quality. It appears to be a native of this country, and derives its name from being brought, more than one hundred years since, into a large tract of wet meadow in Dedham, Mass., by Wild Fowl in their annual migrations. All attempts to import the true variety have failed, while indeed much injury has been caused by various other grasses which have been sent to this country on foreign orders, by parties not having a knowledge of the true variety, and sending what they supposed might answer. We have seen imported grass seed sent for this variety labelled FOUL Meadow, which it certainly was for those who unwittingly used it. A farmer who has cultivated this grass for many years and entertains a very high opinion of it, says he could hardly get along without it, and recommends cutting early, as soon as fairly tasseled out, to prevent lodging, and an annual top seeding of eight quarts of seed per acre immediately after the hay is taken off, which keeps the Meadow bottoms thickly rooted. For seeding new bottoms, one to two bushels of seed should be sown.

Price, $3.00 per Bushel.

SWEET, OR SUGAR CORN.

FOR GREEN FODDER CROPS.

With every owner of Neat Cattle a most important question annually arises, as to what is the best crop to grow for feeding to stock in a green state during the summer months, to help out the shortness of pasture feed, and to keep up the supply of milk furnished by milch cows. For many years it has been the custom with farmers to plant at intervals during the season, the Southern Dent, or Flat Corn, which being a rapid grower, and yielding a large amount of fodder at a small expense, has answered their purposes better than any other crop until the SWEET CORN, on trial, proved to be far superior in every respect. This variety has the merit of being so sweet and palatable to the stock that they eat every part of the stalks and leaves, without the waste generally attending the use of the Dent or Flat variety; and is also more nutritious in quality. It is as easily grown as the Dent variety, treated in the same manner, and in fact, the only drawback it has, is the difficulty which attends the curing of the seed in large quantities, which renders its cost two or three times as large as the Dent; but even at this rate, farmers who have tried it, are unanimous in opinion that it is the most economical and preferable of the two sorts. One other special advantage it has for those who live where they can market the ears when fit to boil. These can often be very profitably disposed of, the sales netting in some markets $100 or more per acre, while the entire Fodder remains for feeding to stock. When planted for Fodder only, the seed should be thickly strewn in rows or drills three feet apart, requiring two or three bushels per acre. For both Ears and Fodder, the seed should be planted in hills three and one-half feet apart each way, which requires about one peck per acre. The seed we offer is not the tailings of a crop, (the best having been selected,) but the soundest of a crop grown expressly for the purpose.

Per Bushel, $2.50.

CATALOGUE

AND

RETAIL PRICE-LIST

OF

Vegetable and Flower

SEEDS,

Herb, Tree, Grass & Field Seeds,

BIRD SEEDS, FLOWER ROOTS, &c.

OFFERED FOR SALE BY

SCHLEGEL, EVERETT & CO.

Importers and Wholesale and Retail Dealers in

American and Foreign Garden and Agricultural Seeds.

WAREHOUSE 26 SOUTH MARKET STREET,

BOSTON, MASS.

BEACON PRESS: THOMAS TODD, 1 SOMERSET ST.

JANUARY, 1879.

TO PURCHASERS.

WE have the pleasure of presenting our ANNUAL CATALOGUE AND PRICE LIST OF SEEDS for 1879. To our friends and customers, one and all, for their continued confidence in the reliability of Seeds recommended by us, and for their generous patronage, which has so largely contributed to the success of our business, we desire to express our thanks. We trust that our dealings in the past have proved as satisfactory to our friends, as they have been pleasing to us, and that our endeavors to meet the requirements of all, have been appreciated.

To the Lists of Seeds offered, particular attention is invited, and especially to those of Vegetables and Flowers, which, freed from the incumbrance of undesirable sorts, are select, and comprise the choicest, best and most approved sorts in cultivation; the former selected for general excellence and profit; the latter as the most ornamental and beautiful, and suited alike for Florists' trade or the wants of amateurs. Our prices, we believe, will meet the views and prove satisfactory to our customers generally, being in every instance quoted at the lowest rates possible, considering the quality — which, of every kind, is of the same general excellence as that heretofore sent out by us.

In the selection of seeds we beg to remind purchasers of the very great importance of their selecting only the choicest and best to be obtained. It is these we exert ourselves to furnish, and these only from which satisfactory returns can be expected. Seeds, grown from stock not properly selected, and without proper attention, to make them *Low-priced* or *Cheap*, are hazardous things to touch: we neither buy nor sell them, believing that it is only the *best* that are the cheapest, and that the *best* only should be used. In this connection, however, we wish it distinctly understood that, although exercising our greatest care in the selection of all the seeds offered,

NONE ARE WARRANTED.

We are obliged to assume this position with all varieties, even with the choicest stock, as there are so many causes of failure over which we have no control, and which we cannot be responsible for, such as imperfect planting, unsuitable condition of the soil, workings of worms and insects, too hot manures, botanical changes of crossed varieties, &c., either or all of which are quite possible to occur — while at the same time it would be utterly impossible for us to account for its occurrence. Conditions, also, need to be considered. Instances are not wanting where seed from the same lot, planted under different conditions, and in different situations, has resulted in crops so unlike, that unless known, the relationship would not be suspected. So, too, with Seed Stocks, which throughout their entire season of bloom are constantly in peril of mixture from pollen deposited by bees and winds from unlooked-for quarters. Flower Seeds, especially, are totally unfitted for guaranty, the varieties of which are continually sporting, and from which habit is derived some of the finest sorts; also the *double* varieties which spring from the *single*. These, especially the latter, even the most carefully grown and selected, are liable to produce more or less *single* flowers, and with variations in color. It is also well known to experienced growers that, in the production of *double* flowers, some varieties, with the most careful fecundation, cannot be expected to produce more than 20 per cent. of flowers that are in reality *double*. It is thus plain to be seen that, however proper and right it is that warrant and guaranty attach to manufactured articles, the same cannot reasonably be applied to seeds. The fact should not be overlooked or forgotten, that in the production of seeds, the Seedsman is but an agent; that, from the planting of the stock which is to produce a future crop of seed, until the harvest, he is powerless to control it,—he can neither make it nor know how it is made. If he has planted good stock, and in a manner to avoid mixtures of varieties by a wide separation of them, he has good

reason to believe that the new seed will prove like the seed planted, but he cannot know positively until a crop is produced from it, and then if not like the original seed he knows not, and cannot account for the difference, and he cannot in reason be expected to be responsible for it. We nevertheless make it a rule never to sell or allow to be sold from our establishment seeds of any kind or quality, attached to which is a doubt that they are otherwise than as we recommend them, or that we would not plant in full confidence were they required for our own use.

We believe the care we have bestowed in the growth and selection of our present stock will be appreciated by our customers, and we recommend it with the greatest confidence to the attention of Country Merchants, Market Gardeners, Farmers, and all others interested in procuring good seeds, and invite a thorough trial of them, resting assured the results will prove satisfactory, and lead to continued and largely increased orders in the future. Attention is requested to the following suggestions:

The specialty of our Business: The furnishing of fresh and reliable seeds grown from the purest, best, and choicest stocks; and the sale of the same at as reasonable rates as seeds of this character can be afforded.

Our Terms are Net Cash. All Bills on which short credits are allowed are due the first of the month succeeding the date of purchase. Bills on which longer time is desired, must be provided for by special agreement.

Our Prices. To the prices quoted in this List we shall adhere as closely as possible. Varieties, particularly Clover and Grass Seeds, Bird Seeds, Onion Sets, and Seed Potatoes, in which fluctuations of prices are quite likely to occur, and which are not quoted, will be furnished at the market rate (for goods of like quality) at the time orders are filled. Where quoted, and a scarcity, or the condition of the market should necessitate changes, our customers may be assured that we shall as readily accord them the benefit of all reductions, as any advances we may be compelled to make. All quotations, we wish it understood, are for the *best* quality of the variety quoted, unless otherwise specially mentioned.

Orders. Orders from known correspondents (cash or accepted credit) will at all times receive our careful and prompt attention, and the seeds forwarded by any route designated. Orders from *unknown* correspondents will receive equal attention *if accompanied by a remittance for the amount of the order, or satisfactory references.*

Remittances. Remittances may be made by Post Office Money Order, Bank Draft, Registered Letter, or for amounts less than Two Dollars, in Bank Bills, at our risk.

Seeds by Mail. As Seeds can be sent by Mail to all parts of the United States, at the rate of ONE CENT FOR EACH OUNCE, no person who wishes our Seeds need be without them, (see our remarks on *Orders* and *Remittances* above, and write for what is wanted.) We send all Seeds ordered at *Ounce* or *Packet* prices, FREE. All heavy Seeds, including Peas, Beans, Corn, Clover Seed, Seed Grain, Roots, &c., we do not send free, as these are quoted at *net* prices at store. Purchasers desiring these by mail are requested to remit an additional amount sufficient to cover the postage, at the rate of FIFTEEN CENTS PER POUND, OR THIRTY CENTS PER QUART. Particular attention is invited to this, as, when omitted, the amount will be deducted from that received.

Address, &c. Persons ordering seeds by Mail are requested to be particular to write their OWN NAME, and also the names of their TOWN, POST OFFICE, COUNTY and STATE, plainly, and NOT TO OMIT EITHER, as serious delays are occasioned by such omissions. If seeds ordered are not received within a reasonable time thereafter, notice should be sent us, so that the delay may be accounted for and remedied at once.

Bags used in Packing. Clover and Grass Seed Bags, and Bird Seed Sacks, are not returnable. Others sent out on general Seed orders, at our regular prices, will be received at the same rates if returned, *sound, and in good condition*, within *thirty days* from date of sale.

BAGS ARE FURNISHED AT THE FOLLOWING RATES:

Quarter-Bushel, best quality,	10 cents.	One-Bushel, best quality,	20 cents.
Half-Bushel, " "	15 "	Two-Bushel, " "	25 "

Parties *remitting* with their orders, will please include in their remittance the requisite amount for bags.

SPECIAL NOTICE.

Since our last Annual Catalogue was issued, the extensive Quincy Hall Seed Business, conducted in this city for upwards of thirty-five years successively by Ruggles, Nourse & Mason; Nourse, Mason & Co.; Ames Plow Co.; and recently by Mr. George P. Fogg; has been purchased by us, and the stock, fixtures and good will transferred to our establishment, No. 26 South Market Street, where we hope to welcome all the friends and customers of the firms mentioned, and execute to their satisfaction all orders that may be entrusted to our care. Mr. Fogg makes headquarters with us, and solicits calls from his friends.

TENNISBALL LETTUCE. (White Seed.)
BOSTON MARKET IMPROVED.
(*For entire Culture under Glass.*)

TENNISBALL LETTUCE. (Black Seed.)
BOSTON MARKET.
(*Open Culture.*)

HENDERSON'S EARLY SUMMER CABBAGE.

Vegetable and Agricultural Seeds.

In the following lists, it has not so much been our purpose to offer the largest number of varieties, as to offer those select varieties that have proved most valuable, and can be depended on to give a satisfactory return when properly treated. Of their good quality we desire to give the most ample assurance that our best efforts have been devoted to their careful selection, to the end that they may prove reliable, and what they purport to be. The preservation of the purity and excellence of the stock the home-grown varieties have been produced from has received our particular attention, and in the selection of the foreign varieties our best judgment has been exercised.

Their germinating properties have also received careful attention. Testing of the varieties is a specialty with us. All varieties, if doubts exist, are thoroughly tried, and their quality determined before offering them for sale.

While claiming special excellence for our whole stock, we have at times varieties of special importance, that have been grown with EXTRA care, from VERY CHOICE seeds. Purchasers wishing seeds of this character are requested to state in their orders that such are required, so that if possible their wishes can be gratified.

☞ PRICES. Our Prices are quoted by the Packet, Ounce, and Pound; Quart and Bushel.

At the BUSHEL RATE we sell Quantities of FOUR QUARTS and upwards.
Less than Four Quarts are sold at the Quart and Packet Rates.

At the POUND RATE we sell Quantities of FOUR OUNCES and upwards.
Less than Four Ounces are sold at Ounce and Packet Rates.

For varieties required in large quantities, special prices will be given on application.

	pr pkt.	per qt.	pr. bu.
PEAS—(Pisum Sativum.)			
French, *Pois.* Spanish, *Guissante.* German, *Erbse.*			
Carter's Extra Early, (Imported)	.10	.30	8.00
Early Caractacus, (Imported)	.10	.30	8.00
Early Dexter, (American)	.10	.30	7.00
Early Daniel O'Rourke, American, (extra selected)	.10	.30	5.00
Early Daniel O'Rourke, (Broad-cast Crop)	.10	.30	4.00
Early Kent, (American)	.10	.30	6.00
Early Hills, (American)	.10	.30	6.00
Early Kentish Invicta, (Imported)	.10	.30	8.00
Laxton's Alpha, (Imported)	.10	.30	7.00
Early Tom Thumb, (Imported)	—	—	—
Early Tom Thumb, (American)	.10	.30	6.00
McLean's Advancer, (Imported)	.10	.30	8.00
McLean's Advancer, (American)	.10	.30	7.00
McLean's Little Gem, (Imported)	.10	.30	8.00
McLean's Little Gem, (American)	.10	.30	7.00
McLean's Blue Peter	.10	.30	8.00
Champion of England, (Imported)	.10	.30	7.00
Champion of England, (American)	.10	.30	5.00
Blue Imperial, (Imported)	.10	.30	6.00
Blue Imperial, (American)	.10	.30	6.00

	pr pkt.	per qt.	pr. bu.
Dwarf White Missouri Marrow	.10	.20	4.00
Large White Marrow	—	—	—
Black-Eye Marrow, (Selected Stock)	.10	.20	3.00
Black-Eye Marrow, (Broad-cast Crop)	—	—	—
Sugar, or String, (Eatable Pods)	.15	.50	14.00
Yorkshire Hero, (Imported)	.10	.30	8.00

BEANS—(Dwarf or Bush.)

French, *Haricots Nains.* Spanish, *Habichuelas Enanas.*
German, *Busch Bohne.*

	pr pkt.	per qt.	pr. bu.
Early Rachel	.10	.30	6.00
Early China	.10	.30	5.00
Early Long Yellow	.10	.30	5.00
Early Mohawk	.10	.30	5.00
Early Valentine	.10	.30	5.00
Early White Wax, Yellow Pod	.10	.30	6.00
Dwarf Black Wax, Yellow Pod	.10	.30	6.00
Dwarf Horticultural	.10	.30	6.00
Dwarf Yellow Cranberry	.10	.30	6.00
Refugee, (Pickling Bean)	.10	.30	5.00
Large White Marrow	.10	.30	5.00
Long White Kidney	.10	.30	5.00
White Pea	.10	.30	5.00
Turtle Soup	.10	.30	4.00

BEANS—English, (Faba Vulgaris.)

French, *Feve de Marais.* Spanish, *Haba Inglis.*
German, *Grosse Englishe Bohne.*

	pr pkt.	per qt.	pr. bu.
Broad Windsor	.10	.30	8.00
Dwarf Prolific	—	—	—

BEANS—Pole or Running.

French, *Haricots a Rames.* Spanish, *Judios.*
German, *Stangen Bohne.*

	pr pkt.	per qt.	pr. bu.
Large White Lima	.10	.40	8.00
Sieva, or Small Lima	.10	.40	8.00
Pole Horticultural	.10	.30	7.00
Red Cranberry	.10	.30	7.00
White Caseknife	.10	.30	7.00
Indian Chief, (Yellow Pod)	.10	.30	7.00
Concord	.10	.40	8.00
Red Giant Wax, (Yellow Pod)	.10	.40	8.00
Scarlet Runner	.10	.40	8.00
White Runner	.10	.40	8.00

	pr pkt.	per qt.	pr. bu. shell'd
CORN—Garden Sweet, or Sugar.			
French, *Sucre Mais.* Spanish, *Azucar Maiz.* German, *Zucker Mais.*			
Extra Early Narragansett, (Eight-Rowed)	.10	.30	5.00
Early Crosby, (Twelve-Rowed)	.10	.30	5.00
Stowell's Evergreen Sweet, (Twelve-Rowed)	.10	.30	5.00
Burr's Mammoth, (Twelve-Rowed)	.10	.30	5.00
Moore's Concord, (Twelve to Sixteen Rowed)	.10	.30	5.00
Fodder Sweet, (for Soiling)			2.50
CORN—Indian, or Flint, (Zea Mays.)			
French, *Mais.* Spanish, *Maiz.* German, *Welschkorn.*	pr ear.	per qt.	pr. bu.
Early Yellow Canada, (Eight-Rowed)	3	.15	3.00
Large Yellow, (Eight-Rowed)	3	.15	3.00
POPPING CORN.			
White, (Selected Ears for Seed)	5		
ASPARAGUS—(Asparagus Officinalis.)			
French, *Asperge.* Spanish, *Esparrago.* German, *Spargel.*	pr pkt.	per oz.	per lb.
Giant, Purple Top	5	.10	.75
Conovor's Colossal	5	.10	1.00
Moore's Giant, very large, extra	5	.15	1.50
Argenteuil, Early Purple Giant, (Very Large)	.20	.40	
ASPARAGUS ROOTS.			per hund.
Moore's Giant			—
Colossal			—
ANISE—(Pimpinella Anisum.)			
French, *Anis.* Spanish, *Anis.* German, *Anis.*	pr pkt.	per oz.	per lb.
Sweet Anise, (for Sowing)	5	.15	1.00
—— ——, (for Flavoring)		5	.40
ARTICHOKE—(Cynara Scolymus.)			
French, *Artichaut.* Spanish, *Alcachofa.* German, *Artischoke.*	pr pkt.	per oz.	per lb.
French Green Globe	5	.30	3.00
BASIL—(Ocymum Basilicum.)			
French, *Basilic.* Spanish, *Albahaca.* German, *Basilicum.*	pr pkt.	per oz.	per lb.
Sweet, (Large Green)	5	.20	2.50

	pr pkt.	per oz.	per lb.
BEET—(Beta Vulgaris.)			
French, *Betterave.* Spanish, *Bettarraga.* German, *Runkelrube.*			
Early Bassano	5	.10	.80
Bastian's Early Turnip Blood	5	.10	.80
Dewing's Early Turnip Blood	5	.10	.80
Early Flat Dark Red, (Egyptian)	5	.10	.80
Early Yellow Turnip Rooted	5	.10	1.00
Long Smooth Blood, (American)	5	.10	.80
Swiss Chard, (for Greens)	5	.10	.80
White Silesian Sugar	5	.10	.50
Mangel Wurzel, Long Red	5	.10	.50
—— —— Norbiton Giant, (Long Red)	5	.10	.50
—— —— Ovoid Yellow	5	.10	.50
—— —— Red Globe	5	.10	.50
—— —— Yellow Globe	5	.10	.50
BORECOLE. See Kale.			
BROCOLI—(Brassica Oleracea Botrytis.)			
French, *Chou Brocoli.* Spanish, *Broculi.* German, *Spargel Kohl.*	pr pkt.	per oz.	per lb.
Early White	.10	.40	4.00
Large Purple Cape	.10	.50	5.00
BRUSSELS SPROUTS— (Brassica Oleracea, var.)			
French, *Chou de Bruxelles.* Spanish, *Breton d' Brusselas.*	pr pkt.	per oz.	per lb.
Dwarf Improved French	.10	.20	2.50
English	.10	.20	2.50
BURNET—(Poterium Sanguisorba.)			
French, *Pimprenella.* Spanish, *Pimpernella.* German, *Becherblume.*	pr pkt.	per oz.	per lb.
Garden Burnet	5	.20	2.00
CARAWAY—(Carum Carvi.)			
French, *Carvi.* Spanish, *Carvi.* German, *Kummel.*	pr pkt.	per oz.	per lb.
Caraway, (for sowing)	5	.10	.60
—— (for flavoring)			.20
CORIANDER—(Coriandrum sativum.)			
French, *Coriandre.* Spanish, *Cilantro.* German, *Koriander.*	pr pkt.	per oz.	per lb.
Coriander, (for sowing)	—	—	—
—— (for flavoring)			.30

	pr pkt.	per oz.	per lb.
CABBAGE—(Brassica Oleracea Capitata.)			
French, *Chou Cabus.* Spanish, *Repollo.* German, *Kopf-Kohl.*			
Early Wyman, (Large Early)	.10	.50	6.00
Early Jersey Wakefield, (Extra)	5	.40	4.00
Henderson's Early	.10	.50	6.00
Early York	5	.20	2.00
Early Large Ox-Heart	5	.20	2.00
Early Sugarloaf	5	.30	3.00
Winningstadt, (Pointed Head)	5	.30	3.00
Improved Brunswick, (Fottler's), extra	5	.40	4.00
Flat Dutch Drumhead, (American)	5	.30	2.00
Stone's Large Drumhead, (extra)	5	.30	3.00
Marblehead Mammoth, (very large)	5	.40	4.00
Globe Curled Savoy, (American)	5	.40	4.00
Drumhead Curled Savoy	5	.40	4.00
English Curled Savoy, (for greens)		.10	.75
Large Red Drumhead (fine)	5	.40	4.00
CARROT—(Daucus Carota.)			
French, *Carotte.* Spanish, *Zanahoria.* German, *Mohre.*	pr pkt.	per oz.	per lb.
Early Scarlet Forcing	5	.20	2.00
Early Scarlet Horn, or Butter	5	.10	1.50
Danvers Half-Long Orange	5	.20	2.00
Long Orange	5	.10	1.00
Long White Belgian	5	.10	1.00
CAULIFLOWER— (Brassica Oleracea Botrytis.)			
French, *Choufleur.* Spanish, *Coliflor.* German, *Blumen Kohl.*	pr pkt.	per oz.	per lb.
Extra Early Dwarf Erfurt	.30	3.00	
Early Large White Erfurt	.20	1.50	
Half-Early Paris	.10	1.00	12.00
Pierce's American	.10	.75	10.00
Lenormand, (short-stemmed)	.10	1.00	
Veitch's Autumn Giant	.10	.75	10.00
CELERY—Apium Graveolens.			
French, *Celeri.* Spanish, *Apio.* German, *Seleri.*	pr pkt.	per oz.	per lb.
Boston Market Dwarf White	5	.40	4.00
Sandringham Dwarf White	5	.30	3.00
Carter's Crimson	5	.40	4.00
Celery Seed, (for flavoring)		.10	.60

	pr pkt.	per oz.	per lb.
CELERIAC—or Turnip-Rooted Celery.			
French, *Celeri Rave.* Spanish, *Seleri.* German, *Knoll oder Kopf.*			
Erfurt, (extra)	5	.30	3.00
CHERVIL—(Scandix Cerefolium.)			
French, *Cerfeuil.* Spanish, *Perefollo.* German, *Korbel.*	pr pkt.	per oz.	per lb.
Curled	5	.30	3.00
CHICORY—(Cicorium Intybus.)			
French, *Chicoree.* Spanish, *Sauvage a gros Racine.* German, *Cichorien Wurzel.*	pr pkt.	per oz.	per lb.
Coffee, or Large-Rooted	5	.20	2.00
CORN. See page seventh of this List.			
CORN SALAD—(Valeriana Locusta.)			
French, *Mache.* Spanish, *Canoniga.* German, *Ackersalat.*	pr pkt.	per oz.	per lb.
Round-Leaved	5	.20	2.00
CRESS—Lepedium Sativum.			
French, *Cresson.* Spanish, *Mastuerzo.* German, *Kresse.*	pr pkt.	per oz.	per lb.
Curled, or Peppergrass	5	.10	.80
Water Cress, (Nasturtium Officinalis)	.15	.60	6.00
CUCUMBER—(Cucumis Sativus.)			
French, *Concombre.* Spanish, *Pepino.* German, *Gurke.*	pr pkt.	per oz.	per lb.
Extra Early Russian	5	.15	1.50
Early Cluster	5	.15	1.00
Early Frame	5	.15	1.00
White Spined, (fine for hot-beds and marketing)	5	.15	1.00
Boston Pickling	5	.15	1.00
Long Prickly	5	.15	1.00
London Long Green	5	.15	1.00
Long White, (pure white)	.10	.30	4.00
ENGLISH, (Long Sorts for Forcing.)			
Rollison's Telegraph	.35		
Blue Gown	.35		
Daniel's Duke of Edinburgh	.35		
Marquis of Lorne	.50		

	pr pkt.	per oz.	per lb.
DANDELION—(Taraxacum Dens-Leonis.)			
French, *Dent de Lion.* Spanish, *Amargon.* German, *Lewengohn.*			
American Improved	.10	.40	5.00
Thick-Leaved, (French)	.10	.40	5.00
EGG PLANT—(Solanum Melongena.)			
French, *Aubergine.* Spanish, *Berengena.* German, *Eierpflange.*	pr pkt.	per oz.	per lb.
Very Early Dwarf Purple	.10	.60	
Early Long Purple	.10	.40	5.00
Large Round Purple	.10	.40	5.00
Large Oval Purple, (very large)	.10	.50	6.00
Black Pekin, (extra fine)	.15	.75	9.00
ENDIVE—(Chicorium Endive.)			
French, *Chicoree.* Spanish, *Endivia.* German, *Endivien.*	pr pkt.	per oz.	pe lb.
Green Curled	5	.30	3.00
Moss Curled	5	.30	3.00
Broad-Leaved Batavian, (Scarolle)	5	.30	3.00
FENNEL—(Fœniculum.			
French, *Fenouil.* Spanish, *Hinojo.* German, *Fenchel.*	pr pkt.	per oz.	per lb.
Sweet Fennel	5	.15	1.50
HOP—(Humulus Lupulus.)			
French, *Houblon.* Spanish, *Hoblon.* German, *Hopfen.*	pr pkt.	per oz.	
Large-Flowered, or Field	.15	1.00	
KOHL RABI—(Brassica Caulo-Rapa.)			
French, *Chou Rave.* Spanish, *Colinabo.* German, *Kohl Rabi uber der erde.*	pr pkt	per oz.	per lb.
Early White Vienna	5	.30	4.00
Giant White	.10	.40	4.00
Giant Purple	.10	.40	4.00
Large Green	.10	.30	3.00
KALE, or Borecole.			
French, *Chou frise vert a pied court.* Spanish, *Breton.* German, *Blatter Kohl.*	pr pkt.	per oz.	per lb.
Dwarf Green Curled, (German greens)	5	.20	2.00
LEEK—(Allium Porrum.)			
French, *Poireau.* Spanish, *Puerro.* German, *Lauch.*	pr pkt.	per oz.	per lb.
Common Flag	5	.20	2.00
Improved Broad Flag	5	.30	3.00
Mammoth Flag	.10	.40	4.00

	pr pkt.	per oz.	per lb.
LETTUCE—(Lactuca Sativa.)			
French, *Laitue.* Spanish, *Lechuga.* German, *Lattich Salat.*			
Boston Fine Curled, (black seed) Extra Market Stock	.10	.40	5.00
Boston Fine Curled, (black seed) common	—	—	—
Early Curled Silesia	5	.30	3.00
Black-Seeded Tennisball, (extra stock)	5	.40	5.00
—— —— —— (Imported)		.30	3.00
White-Seeded Tennisball, or Boston Market Head, (for culture under glass,) Extra Selected Stock	5	.40	5.00
—— —— —— (Imported)		.30	3.00
Princess Head, (very fine)	5	.30	3.00
All the Year Round	5	.30	3.00
Satisfaction	5	.40	5.00
Hanson	—	—	—
Ice Drumhead	5	.30	3.00
Perpignan, (remains long in head)	5	.30	3.00
White Paris Cos	5	.40	4.00
MARTYNIA—(Martynia Proboscidia.)	pr pkt.	per oz.	per lb.
Pickling Martynia	5	.40	4.00
MARJORAM—(Origanum Marjorana.)			
French, *Marjolaine.* Spanish, *Mejorana.* German, *Majoran.*	pr pkt.	per oz.	per lb.
Sweet Marjoram	5	.30	3.00
MELON, Watermelon—(Cucurbita Citrullus.)			
French, *Melon d' Eau.* Spanish, *Sandia.* German, *Wassermelone.*	pr pkt.	per oz.	per lb.
Phinney's Early, (fine)	5	.10	1.00
Mountain Sweet	5	.10	1.00
Black Spanish	5	.10	1.00
Citron, (for preserving)	5	.10	1.00
MELON, (Muskmelon—(Cucumis Melo.)			
French, *Melon.* Spanish, *Melon.* German, *Melone.*	pr pkt.	per oz.	per lb.
Early Christiana, (round, sweet, netted)	5	.15	1.50
Skillman's Netted, (green flesh, sweet)	5	.15	1.00
Casaba, (the finest variety grown)	5	.15	1.00
White Japan, (round, sweet, extra)	5	.15	1.00
Nutmeg, (green-netted, sweet)	5	.15	1.00
Arlington Green Nutmeg, (extra)	5	.15	1.50
Large Yellow Musk	5	.15	1.00
Stickney's Long Yellow Musk, (extra)	5	.15	1.50

	pr pkt.	per oz.	per lb.
MUSTARD—(Sinapis.)			
French, *Moutarde.* Spanish, *Mostaza.* German, *Senf.*			
			per qt.
White Seeded	5	.10	.40
Brown Seeded	5	.10	.40
MUSHROOM—(Agaricus Esculentis.)			
French, *Champignon Comestible.* Spanish, *Hongo.* German, *Champignon-Brut.*			
			per lb.
English Spawn			.15
NASTURTIUM—(Tropæolum Majus.)			
French, *Capucine.* Spanish, *Capuchina.* German, *Kresse Indianische.*			
	pr pkt.	per oz.	per lb.
Large Pickling	5	.20	2.00
OKRA—(Hibiscus Esculentis.)			
French, *Gombo.* Spanish, *Quibombo.* German, *Essbarrer Hibiscus.*			
	pr pkt.	per oz.	per lb.
Long Green Podded	5	.10	1.00
Dwarf Green Podded, (fine)	5	.10	1.00
ONION—(Allium Cepa.) All American grown.			
French, *Ognon.* Spanish, *Cebolla.* German, *Zwiebel.*			
	pr pkt.	per oz.	per lb.
Early Large Red	5	.15	1.00
Large Red Wethersfield	5	.15	1.00
Danvers Thick Yellow, (extra choice)	5	.20	2.00
—— —— —— (good stock)			1.00
Yellow Flat	5	.15	1.00
White Silver Skin	5	.30	2.00
ONION SETS—Small Onions, for Early crop.			
Price Variable.			
	per qt.	pr. bu.	
White.....about	.40		
Top.....about	.30		
Potato, or Hill Onions.....about	.20		
PARSLEY—(Apium Petroselinum.)			
French, *Persil.* Spanish, *Peregil.* German, *Petersilie.*			
	pr pkt.	per oz.	per lb.
Plain-Leaved	5	.10	1.00
Double Curled	5	.10	1.50
Chappell's Matchless Moss Curled	5	.10	1.50
Champion Moss Curled	5	.10	1.50

	pr pkt.	per oz.	per lb.
PARSNIP—(Pastinaca Sativa.)			
French, *Panais.* Spanish, *Pastinaca.* German, *Pastinake.*			
Long Smooth White	5	.10	.80
Student	5	.10	.80
Abbott's Improved	5	.10	.80
PEAS. See first page of this List.			
PEPPER—(Capsicum.)			
French, *Piment.* Span. *Pimiento.* Ger. *Spanischer Pfeffer.*	pr pkt.	per oz.	per lb.
Pickling, or Squash	5	.40	4.00
Large Sweet	5	.40	5.00
Large Bell	5	.40	5.00
Red Cherry	5	.40	5.00
POTATO—(Solanum Tuberosum.)			
French, *Pomme de Terre.* Spanish, *Batata.* German, *Kartoffel.*			
Prices Variable according to Market.		pr. bu.	pr. bbl.
Early Rose	about		
Early Ohio, very white, very early, productive			
Alpha, white, very early			
Snowflake, white, medium early, fine quality			
Burbank Seedling, white, medium early, great cropper, fine quality			
OTHER SORTS FURNISHED TO ORDER.			
PRICES ON APPLICATION.			
SWEET POTATO—(Ipomea Batatas Edulis.)			
French, *Douce Patata.* Spanish, *Batata de Malaga.* German, *Batata.*		about pr. bu.	
Yellow Nansemond, (according to market)		3.00	
PUMPKIN—(Cucurbita Pepo.)			
French, *Citrouille.* Spanish, *Calabaza tontanera.* German, *Kurbiss.*	pr pkt.	per qt.	pr. bu.
Large Yellow	5	.30	5.00
Cheese	5	1.00	
Mammoth, (see Squash).			
PURSLANE—(Portulaca Oleracea.)			
French, *Pourpier.* Spanish, *Verdolaga.* German, *Portulak.*	pr pkt.	per oz.	per lb.
Golden, (for greens)	5	.15	1.50

	pr pkt.	per oz.	per lb.
RADISH—(Raphanus Sativus.)			
French, *Radis.* Spanish, *Rabanito.* German, *Rettig.*			
Early Long Scarlet, (selected stock)	5	.10	.80
Early Scarlet Olive-Shaped	5	.10	.80
Early Scarlet Olive-Shaped, White-Tipped, (French Breakfast)	5	.10	1.00
Early Scarlet Turnip-Rooted	5	.10	1.00
Wood's Early Frame (Scarlet)	5	.10	.80
Yellow Summer Turnip-Rooted	5	.10	1.25
Gray Round Summer Turnip-Rooted	5	.10	1.25
Black Winter	5	.10	1.00
Chinese Red Winter	5	.10	1.00
HORSE RADISH—(Cochlearia Armoracea.)			
French, *Raifort Sauvage.* Spanish, *Radis a Cheval.* German, *Meer-Rettig.*			
			per hund.
Root Slips			
RAPE—(Brassica Napus.)	pr pkt.	per oz.	per qt.
Large-Seeded Garden	5	.10	.40
RHUBARB—(Rheum Hybridum.)			
French, *Rhubarbe hybrida.* Spanish, *Ruibarbo hibrida.* German, *Rhabarber.*	pr pkt.	per oz.	per lb.
Victoria, (fine large)	5	.30	3.00
Linnæus, (fine large early)	5	.30	3.00
ROCKET—(Brassica Eruca.			
French, *Roquette.* Spanish, *Roqueta.* German, *Rauke.*	pr pkt.	per oz.	per lb.
Garden Rocket, (for salad)	5	.30	3.00
ROSEMARY—(Rosemarinus Officinalis.)			
French, *Romeria.* Spanish, *Romero.* German, *Rosmarin.*	pr pkt	per oz.	per lb.
Garden Rosemary	.10	.50	6.00
SAGE—(Salvia Officinalis.)			
French. *Sauge.* Spanish, *Salvia.* German, *Salbei.*	pr pkt.	per oz.	per lb.
Broad-Leaved	5	.30	3.00
SAVORY—(Satureia Hortensis.)			
French, *Sariette.* Spanish, *Agedrea.* German, *Bohnen-kraut.*	pr pkt.	per oz.	per lb.
Summer Savory	5	.30	2.00
SALSIFY—(Tragopogon Porrifolius.)			
French, *Salsifis.* Spanish, *Salsifi.* German, *Haferwurzel.*	pr pkt.	per oz.	per lb.
Long White, (Oyster Plant)	5	.30	3.00

	pr pkt.	per oz.	per lb.
SEA KALE—(Crambe Maritima.)			
French, *Crambe maritima.* Spanish, *Breton de mar.* German, *Sel-kohl Meer-kohl.*			
Silver Sea Kale	.10	.30	4.00
SORREL—(Rumex Acetosa.)			
French, *Oseille.* Spanish, *Acedara.* German, *Saueramfer.*	pr pkt.	per oz.	per lb.
Large-Leaved French	5	.20	2.00
SQUASH—(Cucurbita Melo-Pepo.)			
French, *Courge.* Spanish, *Calabaza bonetara.* German, *Kuchen Kurbiss.*	pr pkt.	per oz.	per lb.
Early White Scollop	5	.10	.80
Early Yellow Scollop	5	.10	.80
Early Warted, or Summer Crookneck	5	.10	.80
Boston Marrow	5	.10	1.00
Hubbard	5	.10	1.00
Turban, (American)	5	.15	1.50
Marblehead, (very fine)	5	.10	1.00
Canada Crookneck	5	.15	1.50
Large Winter Crookneck	5	.10	1.00
Mammoth Yellow (very large)	.25	.80	
——— French,	.10	.40	4.00
SPINACH—(Spinacia Oleracea.)			
French, *Espinard.* Spanish, *Espinaca.* German, *Spinat.*	pr pkt.	per oz.	per lb.
Round-Leaved	5	.10	.60
Prickly-Seeded	5	.10	.60
THYME—(Thymus Vulgaris.)			
French, *Thym.* Spanish, *Tomillo.* German, *Thymien.*	pr pkt.	per oz.	per lb.
Broad-Leaved English	5	.40	5.00
TOMATO—(Solanum Lycopersicum.)			
French, *Tomate.* Spanish, *Tomate.* German, *Liebes-Apfel.*	pr pkt.	per oz.	per lb.
Hathaway's Excelsior, (fine early round smooth)	5	.40	4.00
Emery, (fine early market, extra)	5	.40	4.00
Boston Market, (extra early)	5	.40	4.00
General Grant, (smooth red)	5	.30	3.00
Trophy, (Large, very solid)	5	.40	4.00
Large Red, (Smooth Red)	5	.30	3.00
Yellow Plum	5	.40	4.00
Cherry	5	.50	5.00
Fig, or Pear-Shaped	5	.40	4.00
Strawberry	5	.50	6.00

	pr pkt.	per oz.	per lb.
TURNIP—(Brassica Rapa et Napa.)			
French, *Navet.* Spanish, *Nabo.* German, *Rube.*			
Early White Flat	5	.10	.50
Purple Top White Flat	5	.10	.50
Yellow Stone, or Globe	5	.10	.50
White Pomeranian Globe	5	.10	.50
White Sweet German	5	.10	.60
White French, or Rock	5	.10	.60
London Extra Yellow Swede	5	.10	.50
Shamrock Yellow Swede	5	.10	.50
Skirving's Yellow Swede	5	.10	.50
White Swede	5	.10	.50
Long White Cow Horn	5	.10	.50
Yellow Aberdeen	5	.10	.50

MEDICINAL HERB SEEDS.	pr pkt.	per oz.	per lb.
Arnica, (Montana)	.15	2.00	
Balm, (Melissa officinalis)		.40	4.00
Boneset, (Eupatorium perfoliatum)	—	—	
Belladonna, (Atropa)	.10	1.00	
Catnip, (Nepeta cataria)	.10	.60	
Dill, (Anethum graveolens)	.10	.15	1.00
Hyssop, (Hysopus officinalis)	.10	.25	2.50
Horehound, (Marrubium vulgare)	.10	.25	2.50
Lavender, (Lavendula)	.10	.25	2.50
Lovage, (Levisticum officinale)	.10	.40	
Pennyroyal, (Hedeoma pulegioides)	.10	1.00	
Rue, (Ruta graveolens)	.10	.20	2.00
Saffron, (Carthamus tinctorius)	.10	.20	2.00
Wormwood, (Artemesia absinthium)	.10	.25	2.50

HANDY BOOKS ON GARDENING.

SENT BY MAIL ON RECEIPT OF PRICE.

Quinn's Money in the Garden, ... $1.50
Henderson's Gardening for Profit, ... 1.50
Henderson's Practical Floriculture, ... 1.50
Henderson's Gardening for Pleasure, ... 1.50
Schenck's Gardener's Text Book, ...75
Rand's Popular Flowers, ... 2.00
Rand's Garden Flowers, ... 2.50
Rand's Flowers for Parlor and Garden, ... 2.50
Williams' Window Gardening, ... 1.50
Potato Pests, their habits, and remedies for their destruction, ...75

All are good works for consultation on the subjects treated of, and are recommended to the attention of persons interested. Other works furnished if desired.

FRUIT SEEDS.

	per oz.	per lb.	per bu.
Apple, (Pyrus malus)	.10	.50	
Apricot, (Armeniaca)		.60	
Blackberry, (Rubus villosus)	—	—	
Currant, (Ribes)	.50		
Gooseberry, (Ribes grossularia)	1.50		
Pear, (Pyrus communis)	.25	2.50	
Quince, (Cydonia vulgaris)	.25	2.50	
Raspberry, (Rubus idœus)	1.00		
Strawberry, (Fragaria)	.80		
Peach, (Persica vulgaris)			2.50
Cherry, (Cerasus Mazzard)		.25	
—— Mahaleb		.50	
Plum, (Prunus domestica)		.25	

TIMBER AND ORNAMENTAL TREE SEEDS.

	pr pkt.	per oz.	per lb.
Ash, White, (Fraxinus alba)	.10	.20	2.00
—— Mountain, (Sorbus ancuparia)	.10	.20	2.00
Arbor Vitæ, American, (Thuja occidentalis)	.15	.40	4.00
Cedar, Red, (Juniperus Virginiata)	—	—	—
Cypress, (Cupressus sempervirens pendula)	—	—	—
—— —— —— (Pyramidalis)	—	—	—
Fir, Norway Spruce, (Abies excelsa)	.10	.20	1.50
—— White Spruce, (Abies alba)	.15	.40	4.00
—— Hemlock Spruce, (Abies Canadensis)	.15	.40	4.00
—— Oriental Spruce, (Abies orientalis)	—	—	—
—— Elegant, (Abies elegans pendula)	—	—	—
—— Balsam, (Abies balsamea)	.15	.30	3.00
—— Silver, (Abies Pectinata)	.10	.20	1.50
Larch, European, (Larix Europea)	.10	.20	2.00
Locust, Yellow, (Robinia pseudo-acacia)	.10	.15	1.00
Magnolia, Fragrant, (Magnolia glauca)	—	—	—
Maple, Sugar, (Acer saccharrhinum)	.10	.20	2.00
—— Scarlet, (Acer rubrum)	.10	.30	3.00
Pine, White, (Pinus strobus)	.15	.40	4.00
—— Pitch, (Pinus rigida)	.15	.40	4.50
—— Black Austrian, (Pinus nigra Austriaca)	15	.30	3.00
—— Italian Stone, (Pinus pinea)	—	—	—
—— Swiss Stone, (Pinus cembra)	—	—	—
—— Scotch, (Pinus sylvestris)	.10	.30	3.00
—— Sea-Side, (Pinus maritima)	.10	.20	1.50

	per oz.	per lb.	
HEDGE PLANT SEEDS.			
Buckthorn, (Rhamnus catharticus), clean			
Honey Locust, (Gleditschia triacanthos)	.10	1.00	
Osage Orange, (Maclura aurantiaca)	.10	.75	
Arbor Vitæ, (Thuja occidentalis)	.40	4.00	
Barberry, (Berberis vulgaris)	.20	2.00	
CLOVER SEEDS.			
Prices Variable, governed by Market Rates, and Quality.		about per lb.	
Red, Northern, (Trifolium pratense)		—	
—— Western, " "		.10	
Alsike, (Trifolium hybridum)		.30	
White Dutch, (Trifolium repens)		.40	
Lucerne, (Medicago sativa)		.40	
GRASS SEEDS.			
Prices Variable, governed by Market Rates, and Quality.	about per qt.	about pr. bu.	about per sack.
Timothy, (Phleum pratense), extra, best quality	.20	2.00	
——— ——— ——— fair medium			
Red Top, (Agrostis vulgaris), per sack of about 50 lbs.			2.50
—— —— extra fine heavy seed	.10	1.25	
Rhode Island Bent, (Agrostis), fine species, indigenous to Rhode Island, fine for lawns	.20	4.00	
Kentucky Blue Grass, or Smooth Stalked Meadow, (Poa pratensis), extra clean seed	.20	2.00	
Fowl Meadow, (Poa serotina), best grass for wet land	.20	3.00	per lb.
Orchard Grass, (Dactylis glomerata)	.15	2.00	
Perennial Rye-Grass, (Lolium perenne)	.15	4.00	.20
Italian Rye-Grass, (Lolium Italicum)	.15	4.00	.20
Tall Oat-Grass, (Avena elatior, Arrhenath)	.20	3.50	.40
Wood Meadow, (Poa nemoralis)	.25	8.00	.50
Sweet Vernal Grass, (Anthoxanthum odoratum)	.25	6.00	.50
Meadow Fescue, (Festuca elatior)	.30	6.00	.50
Lawn Grass, (extra mixture)	.20	4.00	
—— —— (good mixture)		3.00	
Hungarian Millet Grass, (Panicum Germanicum)		Market prices.	
Large Millet Grass, (Panicum miliaceum)			
Golden Millet			

SEED GRAIN.

Prices Variable.

	per qt.	pr. bu.	per lb.
		about	
Spring Wheat, California	.15	3.00	
—— ——			
Winter Wheat, White Clawson	.15	3.00	
—— ——			
Spring Rye	.10	1.50	
Winter Rye	.10	1.25	
Barley, Spring, two-rowed	.10	1.50	
—— —— four-rowed	.10	2.00	
—— —— for fodder crop	.10	1.25	
Oats, White Bedford	.10	1.00	
—— White Surprise	.10	1.50	
Buckwheat	.10	1.00	

BIRD AND MISCELLANEOUS SEEDS, &c.

Prices Variable

	per qt.	pr. bu.	
Canary, Sicily, (re-cleaned)	.15	Market prices.	
—— Smyrna, (re-cleaned)	.15		
Hemp, Sicily, (re-cleaned)	.15		
Rape, English, (large-seeded)	.20	5.00	
—— German, (small-seeded)	.15	4.00	
Rice, Unhulled, or Paddy	.20	4.00	
Millet	.15		
Mixed Bird Seed	.15	3.50	
Maw, (Blue Poppy)			.16
Cuttle Fish Bone			.40
Broom-Corn Seed, (Improved Dwarf)	.20	5.50	
Flax Seed	.20	4.00	
Sunflower Seed	.20	5.00	
	per oz.	per lb.	pr pkt.
Tobacco Seed, Havana	.50	6.00	.15
—— —— Connecticut	.40	4.00	.15
—— —— Latakia	.75	8.00	.25
Opium Poppy	.20	2.00	.10
Grafting Wax		.40	
	pr box	per lb.	
Oil Soap, extra best quality, in 2 lb. boxes	.25		
—— —— " " " " 5 " "	.60		
—— —— " " " " 10 " "	1.00		
—— —— " larger quantities in firkins or barrels		8	
—— —— Chemical Concentrated, in bars, per lb		.25	
Tobacco Soap, (for washing animals or plants)		.50	

FLOWER SEEDS,

BULBS AND PLANTS.

FLOWER SEEDS.

The Cultivation of Flowers is a pleasant pastime, which should not be neglected by any person who has a plot or a piece of ground at his or her disposal, that is available for the purpose, for, whether coming from the little corner patch, the circles in the lawn, or the garden of an acre, their brilliant and varied colors all contribute to the attractiveness and pleasantness of home, besides proving in many instances a source of profit. Successful culture, however, depends much on various circumstances. While in some locations their culture, owing to the peculiar adaptedness of the soil, climate, and other favorable conditions, is of the simplest character; in others it is quite the reverse, and success is attained only by care, skill and close observation on the part of the cultivator. But in this close watching day by day, the true lover of flowers finds the greatest pleasure, constantly gaining information, and storing up knowledge which, in succeeding years, will render success almost a certainty.

For the assistance of beginners and others but partially familiar with the culture of Flowers, we offer very briefly a few important

SUGGESTIONS TO BE REMEMBERED.

The supposition should not be entertained for a moment that the purchase of a few seeds and the placing of them in the ground, without regard to season or character of the soil, is all that is necessary to insure an abundance of flowers.

Those who are not experienced, should as a general rule confine their selections of varieties to the free growing Annuals, such as Asters, Balsams, Stocks, Petunias, Candytuft, Phlox, Zinnia, &c., and venture but cautiously with varieties requiring delicate culture, until the habits and requirements of such are fully understood.

In the selection of seeds for planting, as it takes as much time and attention to grow flowers that are poor as those that are good, it is true economy to select the best; for the finer and more beautiful are the varieties chosen, the greater will be the pleasure derived in the season of bloom.

A good mellow loam, slightly sandy, is the best for most varieties of flowers. Soils so sandy that moisture is retained with difficulty, or one that will bake easily soon after being wet, or that is retentive of moisture so as to become sodden, are unsuitable; but if there is no alternative, and such must be used, then more care becomes necessary in planting the seed, in attention while germinating, and in the after culture of the plants.

Seeds of Flowers are in general small and delicate, many nearly as fine as dust. It can be readily seen how very slender must be the little hair-like sprouts from these diminutive seeds, and how surely they must fail to grow, if roughly planted, or planted in soil as dry as ashes, or in soil coarse and lumpy, or covered an inch or more in depth, or in soil hard underneath, or beat down by rains and firmly crusted on top. A little observation on the part of the cultivator, will show how carefully they must be planted, and how gently covered with soil. It is only necessary with many of these finest, to scatter them on the surface, the ground having been previously made light,

and the whole gently and carefully pressed afterwards. If the weather is hot and dry, cover with a light mat until germination takes place. Too early planting in the open ground while it is cold is a prolific source of trouble, and is to be avoided. Seeds thus planted are extremely liable to fail to germinate, or should they start, the plants at best grow feebly, linger along and finally drop off one by one, until another planting becomes necessary, causing much care, loss of time, and with no further advancement than if the planting had been deferred until the soil had become mellow and warm.

If early flowers are wanted, start the seeds in the house or in a hot-bed, where they can grow until the weather and ground are warm, and then plant them out in the garden; but care is requisite while in the house or hot-bed, particularly the latter, that the heat is not so great as to injure the seed, or afterwards to burn the plants by failure to give sufficient air.

Beginners in Flower Culture should procure some good and reliable treatise on gardening, to assist them at the outset, and afterwards improve on the information obtained by their own experience.

Flowers are classified as Annuals, Biennials, Perennials, supplemented by varieties requiring Greenhouse culture.

Annuals, grow from the seed, bloom, and perish in one season. Some half-hardy varieties of longer duration, are classed with annuals, as they succeed treated as such.

Biennials, from the seed, generally bloom the second year and then die. Some few varieties, if planted early, bloom the first year.

Perennials, from the seed, bloom the second year, and every year thereafter, some perishing after three or four years, while others continue indefinitely.

Seeds of Annuals may generally be expected under favorable conditions to germinate in ten to twenty days.

Perennial varieties are uncertain, some of the varieties remaining in the ground for a long time before starting into growth. Experiments have proved that some have thus remained for a year from planting, and then come up thickly and made a strong growth. Purchasers of these should not make haste to complain of the quality of the seed, but should make all due allowance for the habits of the varieties.

The following list, which has been prepared with much care, embraces the choicest species and varieties in cultivation, — for the most part those that have been thoroughly tested and have proved valuable, while some varieties of recent introduction, promising well, have been included in the list.

For **Newest** varieties see List of New and Special Flower Seeds, page 38 this Catalogue.

FLOWER SEEDS

IN PACKAGES OF ASSORTED VARIETIES.

THE following packages will be found desirable for purchasers wishing assortments of Flower Seeds, particularly those who are not familiar with the different sorts.

Assortment	**A**	10 varieties of choice	**Annuals**		$0.50
"	**B**	10 " " "	**Perennials**		0.50
"	**C**	25 " " "	**Annuals**		1.25
"	**D**	25 " " "	**Perennials**		1.25

Other assortments, large or small, furnished if desired, consisting of either Annuals or Perennials, or both, to suit the purchaser: also assortments of rare and choice varieties, for Greenhouse or Garden culture.

FLOWER SEEDS.—GENERAL LIST.

EXPLANATION. — The letters in the following Table explain the *habit* and *duration* of the different varieties.

a. — annual.
b. — biennial.
p. — perennial.
c. — climber.
e. — everlasting or eternal, (for drying.)
a.p. — perennial, but generally blooms the first year.
a.g.p. — perennial-rooted plants — suitable for garden culture in summer — but roots must be kept in house or cellar during winter.
o.f. — ornamental foliage plants.

	per pkt.	per oz.
a. **Aster, Peony Perfection, (Truffaut's).**		
—— —— —— package of 12 separate colors, ... $1.25		
—— —— —— " " 8 " " 75		
—— —— —— the same colors mixed	.15	6.00
—— **Victoria, Imbricated, Large Flowered.**		
—— —— —— package of 12 separate colors $1.25		
—— —— —— " " 6 " " 75		
—— —— —— the same colors mixed	.15	6.00
—— —— —— **Pure White**	.25	6.00
—— —— —— **Azure Blue**	.25	8.00
—— —— —— **Dark Blue**	.25	8.00
—— —— —— **Carmine Rose**	.25	8.00
—— —— —— **Dark Crimson**	.25	8.00
—— **Imbricated Pompon, (Truffaut's).**		
—— —— —— package of 12 separate colors $1.00		
—— —— —— the same colors mixed	.15	4.00
—— —— —— **Pure White**	.20	4.00
—— —— —— **Rose**	.20	5.00
—— —— —— **Crimson**	.20	5.00
—— —— —— **Dark Blue**	.20	5.00
—— **Needle Perfection.**		
—— —— —— package of 6 separate colors 50		
—— —— —— the same colors mixed	.15	6.00
—— **Pompon Cocardeau.** (Asters of the Cocardeau class have beautiful white flowers, with brilliant outside circles of various colors.)		
—— —— —— package of 4 separate colors 50		
—— —— —— the same colors mixed	.15	4.00
—— **Needle Cocardeau.**		
—— —— —— package of 6 separate colors 50		
—— —— —— the same colors mixed....	.25	

	per pkt.	per oz.
a. **Aster, Large Rose-Flowered.**		
—— —— —— package of 8 separate colors 50		
—— —— —— the same colors mixed	.15	4.00
—— **Giant Emperor.**		
—— —— —— package of 8 separate colors 75		
—— —— —— the same colors mixed	.25	
—— **Reid's Globe Quilled.**		
—— —— —— package of 12 separate colors 75		
—— —— —— the same colors mixed	.15	4.00
—— **German Quilled.**		
—— —— —— package of 10 separate colors 50		
—— —— —— the same colors mixed	5	1.00
—— **Pyramidal Globe-Flowered.**		
—— —— —— package of 10 separate colors 50		
—— —— —— the same colors mixed	5	2.00
—— **Dwarf Chrysanthemum-Flowered.**		
—— —— —— package of 12 separate colors $1.00		
—— —— —— " " 6 " " 50		
—— —— —— the same colors mixed	.15	6.00
—— **Dwarf Imbricated Pompon, Early-Flowered**		
—— —— —— package of 8 separate colors 75		
—— —— —— the same colors mixed	.10	3.00
—— **Dwarf Pompon Globe,** mixed, 1 ft.	.10	3.00
—— **Dwarf Boquet Pyramidal,** mixed, 1 ft.	.15	4.00
—— **Boltzes' Boquet Dwarf,** mixed, ¾ ft.	.15	4.00
—— **Splendid French and German,** extra mixed .	.15	6.00
—— **Quilled and Dwarf German,** good mixed . . .	5	1.00
a. **Abronia umbellata,** rose, ½ ft.	5	1.00
a. —— **arenaria,** yellow, sweet-scented, ½ ft.	.25	
a. e. **Acroclinium roseum,** rose, 1 ft.	5	.80
a. e. —— **album,** white, 1 ft.	5	.80
b. c. **Adlumia cirrhosa,** pink, 10 ft.	.15	1.50
a. **Adonis æstivalis,** scarlet, 1 ft.	5	.50
p. —— **vernalis,** yellow, 1 ft.	5	.50
a. **Ageratum Mexicanum,** blue, 1 ft.	5	.80
a. —— —— **album,** white, 1 ft.	5	.80
p. **Agrostemma coronaria atrosanguinea,** crimson, 2 ft.	5	.80
p. —— —— **alba,** white, 2 ft.	5	.50
a. **Asperula azurea setosa,** light blue, 1 ft.	5	.50
p. —— **odorata,** white, fragrant, 1 ft.	5	2.00
a. **Alonsoa linifolia,** scarlet, 1 ft.	.15	1.50
a. —— **myrtifolia,** scarlet, 2 ft.	.25	6.00

	per pkt.	per oz.
a. **Alyssum Benthami,** sweet white, 1 ft.	5	.60
p. —— **saxatile compactum,** yellow, 1 ft.	5	1.00
a. **Amaranthus tricolor,** red, yellow and green foliage, 3 ft.	5	.60
a. —— —— **giganteus,** " " " " " 5 ft.	5	1.00
a. —— **bicolor ruber,** scarlet and orange foliage, 2 ft. .	5	.60
a. —— **melancholicus ruber,** dark crimson foliage, 3 ft.	5	.60
a. —— **atropurpureus,** blood purple foliage, 2 ft.	5	.60
a. —— **salicifolius,** (willow-leaved), scarlet and purple, 3 ft.	.10	1.00
a. —— **caudatus,** (Love Lies Bleeding) crimson, 3 ft. . .	5	.60
a. e. **Ammobium alatum,** everlasting, white, 2 ft.	5	.60
p. **Anchusa italica,** blue, 3 ft.	5	.60
a. **Anagallis, grandiflora,** mixed, 1 ft.	5	2.00
p. **Anthericum liliastrum,** white, 2 ft.	.10	1.50
p. **Anemone,** mixed, 1 ft.	.10	2.00
a. **Antirrhinum majus,** mixed, 2 ft.	5	.80
a. —— —— package of 8 separate colors, ...50		
a. **Artemesia gracilis,** elegant foliaged plant, 4 ft. . . .	5	1.00
p. **Aquilegia hybrida, Single,** finest mixed, 2 ft. . . .	5	1.50
p. —— —— **Double,** extra mixed, 2 ft.	5	1.50
p. —— **caryophylloides,** single, striped, 2 ft.	.10	2.00
p. —— **cœrulea,** single, blue and white, 2 ft.	.15	3.00
p. —— **chrysantha,** single, yellow, 2 ft.	.15	3.00
p. —— **Wittmaniana,** single, mixed, 2 ft.	.10	2.00
p. —— **vulgaris alba plena,** Double White, 2 ft. . . .	.10	2.00
p. **Asclepias tuberosa,** orange, 2 ft.	.15	
Auricula. See Primula.		
a. **Balsam, Double,** good common mixed, 1½ ft.	5	1.00
a. —— **Double, Splendid Varieties of Rose, and Camellia-Flowered, Extra fine Mixed,** . .	.15	4.00
a. —— **Double Solferino,** white, finely spotted with lilac,	.20	
a. —— —— **Victoria,** satiny white, spotted with scarlet, .	.20	
a. —— —— **Deep Blood Red,** 2 ft.	.20	
a. —— —— **Fiery Scarlet,** 2 ft.	.20	
a. —— —— **Pure White,** 2 ft.	.20	3.00
a. —— —— **Yellow,** 2 ft.	.20	
a. —— **Double Carnation-Striped, Mixed,**	.15	3.00
—— —— —— package of 8 separate colors, ...75		
a. —— **Double Rose-Flowered,** (French Camellia)		
—— —— —— package of 12 separate colors, ... 1.25		
—— —— —— " " 6 " " 75		
a. —— **Double, Camellia-Flowered,** (German Spotted).		2.00
—— —— —— package of 6 separate colors, ...75		

	per pkt.	per oz.
p. **Baptisia australis,** blue, 2 ft.	5	.75
a. **Bartonia aurea,** yellow, 1 ft.	5	.60
g.p. **Bellis Perennis, (Daisy), Double,** good mixed, ½ ft.	.10	8.00
g.p. —— —— **Double, from Prize Flowers,** extra mixed.	.25	12.00
a. c. **Bean, Scarlet Flowering,** 15 ft.	.10	pt. .25
a. c. —— **White Flowering,** 15 ft.	.10	pt. .25
a. **Bidens atrosanguinea,** dark crimson, 2 ft.	.10	2.00
a. **Browallia elata grandiflora,** blue, 1½ ft.	.10	1.50
a. —— —— **alba,** white, 1½ ft.	.10	1.50
a. —— **abbreviata,** deep rose, 1½ ft.	.25	
a. —— **extra mixed,** 1½ ft.	.10	2.50
a. **Cacalia coccinea, (Tassel Flower),** scarlet, 2 ft.	5	.80
g.p. **Calceolaria hybrida grandiflora,** from Prize Flowers	.50	
g.p. —— —— **pumila compacta,** dwarf, splendid mixed.	.50	
a.g.p. —— **scabiosæfolia,** yellow, 1 ft.	5	1.50
a. **Campanula, Annual,** mixed, 1 ft.	5	1.00
p. —— **Perennial,** mixed, 3 ft.	.10	2.00
b. —— **Medium, (Canterbury Bell),** mixed, 2½ ft.	5	1.50
b. —— —— —— **Double Rose,** 2½ ft.	.15	3.00
b. —— —— —— " **White,** 2½ ft.	.10	2.00
b. —— —— —— " **Blue,** 2½ ft.	.10	2.00
b. —— —— —— **Single Rose,** 2½ ft.	5	1.50
b. —— —— —— " **White,** 2½ ft.	5	1.00
b. —— —— —— " **Blue,** 2½ ft.	5	1.00
b. —— —— **Cupped Canterbury Bell,** mixed, 2 ft.	.15	6.00
a. c. **Canary Bird Vine, (Tropæolum canariense)** yel. 12 ft.	.10	1.25
a.g.p. **Canna,** ornamental foliage plant, fine mixed, 4 to 8 ft.	.10	1.00
p. **Catananche,** mixed, 2 ft.	5	.80
g.p.c. **Calampelis scabra,** bril. orange-flowering climber, 10 ft.	.10	3.00
Candytuft. See Iberis.		
a. **Celosia cristata, (Cockscomb,) crimson,** 2 ft.	.10	3.00
a. —— —— —— **brilliant purple,** 2 ft.	.10	3.00
a. —— —— —— **fine mixed,** 2 ft.	5	2.00
a. —— **pyramidalis,** mixed, 3 ft.	5	1.00
a. —— **Huttonii,** dark ornamental foliage, crimson, 2 ft.	.25	
p. **Cedronella cana,** purple, fragrant, 2 ft.	.10	1.50
a. **Centaurea cyanus, (Bachelor's Button),** mixed, 2 ft.	5	.60
a.g.p. —— **gymnocarpa,** silvery foliaged plant, 1½ ft.	.25	5.00
a.g.p. —— **candidissima,** silvery foliaged plant, 1½ ft.	.50	
a.g.p. —— **Clementia,** silvery foliaged plant, 1½ ft.	.50	
a.g.p. —— **Fenzlii,** silvery foliaged plant, 1½ ft.	.50	
a.g.p. —— **Parlatoris,** silvery foliaged plant, 1½ ft.	.50	

		per pkt.	per oz.
a.	**Centranthus,** mixed, 1½ ft.	5	.60
p.	**Chelone, barbata Torreyi,** scarlet, 3 ft.	5	1.50
a.	**Chrysanthemum,** Dunnett's Double White, 2 ft.	5	1.25
a.	—— Dunnett's Double Yellow, 2 ft.	5	1.25
a.	—— **hybridum, Double,** finest mixed, 2½ ft.	5	1.25
g. p.	**Cineraria hybrida,** from Prize Flowers, ex. mixed, 1½ ft.	.50	
g. p.	—— —— **Dwarf,** splendid, finest mixed, ¾ ft.	.50	
a.g.p.	—— **maritima,** (Dusty Miller), silvery foliage, 2 ft.	5	1.00
a.g.p.	—— —— **candidissima,** silvery foliage, 2 ft.	.15	3.00
a.g.p.	—— **acanthifolia,** silvery foliage, 2 ft.	.15	4.00
a.	**Clarkia, Double,** fine mixed, ¾ ft.	5	1.00
p. c.	**Clematis,** fine mixed, 10 ft.	.10	3.00
a.	**Clianthus Dampieri,** scarlet and black, 2 ft.		
a.	**Clintonia,** mixed, ½ ft.	.10	5.00
a.	**Collinsia,** fine mixed, 1 ft.	5	1.00
a. c.	**Cobæa scandens,** robust climber, purple, 20 ft.	.15	3.00
a.	**Commelina cœlestis,** blue, 1½ ft.	5	1.00
a.	**Convolvulus minor,** (Dwarf Morning Glory), mixed, 1 ft.	5	.40
g. p.	—— **mauritanicus,** blue, fine for hanging baskets.	.15	2.00
a.	**Coreopsis coronata,** yellow, 2 ft.	5	.60
a.	—— **nigra,** dark red, 2 ft.	5	.60
a.	—— **Drummondii,** yellow and red, 1½ ft.	5	.60
a.	—— **cardaminifolia,** dwarf, crimson, 1 ft.	5	.60
a.	—— **annual sorts,** finest mixed, 2 ft.	5	.60
p.	—— **perennial sorts,** mixed, 3 ft.	5	1.25
a.	**Crepis rubra,** red, 1 ft.	5	.60
a.	—— **alba,** white, 1 ft.	5	.60
a.	—— **barbata,** yellow, 1 ft.	5	.60
a.	**Cucumis.** (Cucumber Gourd), mixed, 8 ft.	.10	1.00
a.	**Cucurbita,** (Squash Gourd), mixed, 12 ft.	.10	1.00
a.	**Cypress, Summer,** like miniature fir trees, 3 ft.	5	.80
	Cypress Vine. See Ipomea.		
g. p.	**Cyclamen, Persicum,** choicest Prize Stock, mixed, ¾ ft.	.50	
a.	**Delphinium, (Larkspur), D'ble Rocket,** mixed, 1½ ft.	5	.50
a.	—— —— **Double Hyacinth-Flowered,** mixed, 1 ft.	5	.50
a.	—— —— " " " **white,** 1 ft.	.10	.75
a.	—— —— **Double Branching,** mixed, 2 ft.	5	.50
a.	—— —— " " **white,** 2 ft.	.10	.75
a.	—— —— **Double Dwarf Candelabrum,** mixed, 1 ft.	.10	2.50
p.	—— —— **nudicaule,** perennial, scarlet, 1 ft.	.15	6.00
p.	—— —— **Perennial hybrids, Single,** mixed, 3 ft.	5	1.50
p.	—— —— " " **Double,** mixed, 4 ft.	.25	

	per pkt.	per oz.
a. **Datura Huberiana, Double,** mixed, 4 ft.	.10	1.00
a. —— **humilis, Double,** yellow, sweet-scented, 3 ft.	.10	1.00
a. **Didiscus cœrulea,** blue, 1 ft.	5	1.00
b. **Digitalis, (Foxglove), Ivery's Spotted,** 3 ft.	5	1.50
b. —— —— **fine mixed,** 3 ft.	5	1.00
p. **Dictamnus Fraxinella,** red and white mixed, 2 ft.	5	2.50
a. b. **Dianthus, (Pink), Chinese Double,** mixed, 1 ft.	5	.75
a. b. —— —— **Heddewigii, Single,** mixed, 1 ft.	5	1.50
a. b. —— —— " **Double,** fine mixed, 1 ft.	5	1.50
a. b. —— —— " " **white,** 1 ft.	.10	2.00
a. b —— —— " " **blood red,** 1 ft.	.10	2.00
a. b. —— —— **Diadematus, Double,** extra fine mixed, 1 ft.	.15	4.00
a. b. —— —— **laciniatus, Double,** fringed, fine mixed, 1 ft.	.15	4.00
p. —— —— **Double Hardy Garden,** mixed, 1 ft.	.10	4.00
—— **caryophyllus, (Double Carnation Pink).**		
a.g.p. —— —— —— **Prize Stock,** finest mixed, 2 ft.	.50	
a.g.p. —— —— —— **Pot Seed,** selected, extra mixed, 2 ft.	.25	8.00
a.g.p. —— —— —— **Dwarf Early,** fine mixed, 1 ft.	.15	3.00
a.g.p. —— —— —— **Perpetual or Remontant,** mixed, 2 ft.	.50	
a.g.p. —— —— **Picotee, Prize Stock,** finest mixed, 2 ft.	.50	
p. —— **barbatus, (Sweet William), Single,** mxd. 1½ ft.	5	.80
p. —— —— **Double,** extra fine mixed, 1½ ft.	.10	2.50
p. —— —— **nanus compactus, Dwarf,** fine mixed, ¾ ft.	.15	5.00
a. **Elichrysum, (Eternal Flower), Double,** mixed, 2 ft.	5	1.00
a. —— —— package of 10 separate colors, .50		
a. **Erysimum Peroffskianum,** orange, 1½ ft.	5	.60
a. —— **Arkansanum,** yellow, 1 ft.	5	.60
a.g.p. **Erythrina, (Coral Plant),** scarlet, 4 ft.	.25	2.00
a. **Eschscholtzia Californica,** yellow, 1 ft.	5	.50
a. —— —— **alba,** white, 1 ft.	5	.50
a. —— —— **rosea,** rose, 1 ft.	5	.50
a. —— —— **mixed,** 1 ft.	5	.50
a. **Euphorbia variegata,** fine variegated foliage, 2 ft.	5	.60
Feverfew. See Matricaria.		
a. **Gaillardia,** fine mixed, 1 ft.	5	1.25
p. —— **grandiflora,** scarlet and yellow, 1½ ft.	.10	1.50
p. **Galega officinalis,** white and purple, 3 ft.	5	.50
Geranium. See Pelargonium.		
p. **Geum coccineum,** scarlet, 2 ft.	5	1.25
a. **Gilia tricolor,** mixed, 1 ft.	5	.50
a. —— **achillæfolia major,** blue, 1 ft.	5	.50
a. **Glaucium corniculatum,** fine silvery foliage, 1 ft.	.15	

		per pkt.	per oz.
g.p.	**Gloxinia hybrida, French choicest mixed,** 1 ft.	.50	
g.p.	—— —— **robusta grandiflora erecta,** splendid mixed.	.50	
g.p.	—— —— **elegantissima punctata,** spotted, mixed,	.50	
	Gourd. See Cucumis.		
a.	**Godetia, Whitneyi atrosanguinea,** white & crim. 1 ft.	5	.80
a.e.	**Gomphrena globosa,** (Globe Amaranthus), purple, 2 ft.	5	.80
a.e.	—— —— **white,** 2 ft.	5	.80
a.e.	—— —— **rose,** 2 ft.	5	.80
a.e.	—— —— **variegated,** 2 ft.	5	.80
a.e.	—— —— **orange,** 2 ft.	5	.80
a.	**Gypsophila elegans,** white, 1 ft.	5	.60
p.	—— **paniculata,** white, 3 ft.	5	.60
	Helianthus, (Sunflower).		
a.	—— **Californicus, Double,** yellow, green centred, 6 ft.	5	.30
a.	—— **uniflorus, Single,** yellow, gigantic blooms, 8 ft.	5	.30
a.g.p.	**Heliotropium,** fine mixed, 1½ ft.	.15	4.00
a.e.	**Helipterum, Sandfordii,** everlasting, yellow, 1 ft.	.15	3.00
a.	**Hibiscus Africanus,** buff, maroon centre, 2 ft.	5	.50
p.	—— **palustris roseus,** rose, 3 ft.	.10	1.50
p.	**Hollyhock, Double German,** mixed, 6 ft.	.10	3.00
p.	—— —— —— package of 8 separate colors,	.75	
p.	—— **Double, from Prize Flowers,** finest mixed,	.25	
p.	—— —— package of 12 separate colors,	1.50	
p.	—— " " 6 " "	1.00	
a.	**Iberis, (Candytuft,) coronaria,** White Rocket, 1 ft.	5	.30
a.	—— —— **odorata,** white, sweet-scented, 1 ft.	5	.30
a.	—— —— **umbellata, white,** umbel-flowered, 1 ft.	5	.30
a.	—— —— —— **Dark Crimson,** " " 1 ft.	5	.30
a.	—— —— —— **Purple,** " " 1 ft.	5	.30
a.	—— —— —— **Mixed,** " " 1 ft.	5	.30
p.	—— —— **Perennial,** white, 1 ft.	.10	2.50
a.	**Ice Plant, (Mesembryanthemum),** 1 ft.	5	.60
a.c.	**Ipomea purpurea, (Morning Glory),** mixed, 12 ft.	5	.20
a.c.	—— —— package of 10 separate colors,	.50	
a.c.	—— **Large-Flowered,** fine mixed, 12 ft.	.15	1.00
a.c.	—— **Quamoclit, (Cypress Vine), crimson,** 10 ft.	5	.60
a.c.	—— —— —— **white,** 10 ft.	5	.60
a.c.	—— —— —— **mixed,** 10 ft.	5	.60
a.g.p.	**Ipomopsis,** fine mixed, 3 ft.	5	1.00
	Jacobæa. See Senecio.		
a.	**Kaulfussia ameloides atroviolacea,** dark purple, 1 ft.	5	.80
g.p.c.	**Kennedya,** finest mixed, 6 ft.	.25	

	per pkt.	per oz.
a. **Lavatera trimestris,** red and white, mixed, 3 ft. . . .	5	.40
a. **Linum grandiflorum, (Scarlet Flax),** 2 ft.	5	.50
p. —— **Perennial,** mixed, 2 ft.	5	1.25
Lathyrus odoratus, (Sweet Pea).		
a. —— —— **Finest Extra Selected,** mixed, per lb. . 1.25	5	.15
a. —— —— package of 10 separate colors, ...50		
a. —— —— **White,** 4 ft.	.10	.20
a. —— —— **Scarlet,** 4 ft.	.10	.20
p. —— **latifolius, (Everlasting Pea),** mixed, 5 ft. . . .	.20	1.50
Larkspur. See Delphinium.		
a.g.p. **Lobelia erinus, speciosa, Blue King,** dark blue, ½ ft.	.10	3.00
a.g.p. —— —— —— **kermesina,** crimson, ½ ft.	.10	3.00
a.g.p. —— —— —— **alba maxima,** large white, ½ ft.	.15	6.00
a.g.p. —— —— **erecta alba,** white, ½ ft.	.10	4.00
a.g.p. —— —— —— **rosea,** rose, ½ ft.	.10	3.00
a.g.p. —— —— **Paxtoniana,** dark blue and white, ½ ft. . . .	.10	3.00
a.g.p. —— —— **Crystal Palace compacta,** azure blue, ½ ft. .	.15	8.00
a.g.p. —— —— **Pearl,** white, edged with blue, ½ ft.	.15	8.00
a.g.p. —— **fulgens, Queen Victoria,** scarlet, 3 ft.	.25	
a.g.p. —— —— **multiflora,** deep scarlet, 3 ft.	.25	
a.g.p. **Lotus Jacobæus,** black-brown and orange, 1 ft.	.10	1.25
a.g.p. **Lophospermum scandens,** mixed, 10 ft.	.15	6.00
a. **Lupinus, Splendid Varieties, extra mixed,** 2 ft. .	5	.40
a. —— package of 12 varieties, separate, ...50		
p. **Lychnis fulgens,** bright scarlet, 1½ ft.	.10	2.00
p. —— **chalcedonica,** scarlet, 2 ft.	5	.80
p. —— **chalcedonica alba,** white, 2 ft.	5	.80
p. —— **Senno striata,** crimson, striped white, 2 ft. . . .	.25	
p. —— **speciosa hybrida,** fine mixed, 2 ft.	.15	
p. —— **hybrida nana, Dwarf,** fine mixed, 1 ft.	.25	
a. **Lythrum flexuosum,** carmine, 1 ft.	.10	2.00
p. —— **roseum superbum,** rose, 2 ft.	5	.75
a.g.p. **Matricaria (Feverfew), Double,** white, 1 ft.	.10	3.00
a. **Malope grandiflora,** white and red, mixed, 2 ft. . . .	5	.40
Marigold. See Tagetes.		
a.g.p. **Maurandya,** finest mixed, 10 ft.	.15	5.00
a. **Malva miniata,** scarlet, 1½ ft.	5	1.25
a. —— **crispa,** ornamental-foliaged plant, 5 ft.	5	1.00
Mignonette. See Reseda.		
a. **Mirabilis Jalapa,** (Marvel of Peru, Four-o'clocks), mxd.	5	.30
a. —— —— package of 6 separate colors 35		
a. —— **longiflora,** sweet-scented, white, 2 ft.	.10	.30

	per pkt.	per oz.
a. **Mimulus Roezlii,** dwarf, yellow, hardy annual, ½ ft.	.25	
a. —— **Tilingi,** yellow, 2½ ft.	5	2.00
a.g.p. —— **tigrinus, White Ground, crimson spt'd,** ¾ ft.	.15	12.00
a g.p. —— —— **Golden Ground,** " " ¾ ft.	.10	6.00
g. p. —— **moschatus, (Musk Plant),** ½ ft.	.15	6.00
Morning Glory. See Ipomea.		
a. **Mimosa pudica, (Sensitive Plant),** 1½ ft.	5	.80
g. p. **Myrsiphyllum asparagoides, (Smilax),** a beautiful, graceful climber, invaluable for decorative purposes, 10 ft.	.20	3.00
p. **Myosotis, (Forget-me-not),** mixed, ¾ ft.	.10	3.00
p. —— **semperflorens,** dwarf, continuous bloomer, ½ ft.	.15	
Nasturtium. See Tropæolum.		
a. **Nemophila,** finest mixed, ¾ ft.	5	.50
a. **Nigella, (Love in a Mist), Double, blue,** 1 ft.	5	.40
a. —— —— **Single, white,** 1 ft.	5	.40
a. **Nolana,** finest mixed, 2 ft.	5	.40
p. **Œnothera, (Evening Primrose), dwarf,** mixed, ¾ ft.	5	1.25
p. —— —— **tall,** mixed, 3 ft.	5	1.25
p. **Orobus,** fine mixed, 2 ft.	.10	1.50
g. e. **Palafoxia Hookeriana,** rosy purple, everlasting, 2 ft.	.10	.80
a. **Palava flexuosa,** bright rose, with black eye, 2 ft.	.10	1.00
a. **Papaver, (Poppy), Double Large-Flowered,** mixed,	5	.50
a. —— —— —— package of 10 separate colors,	.50	
a. —— —— **Double Ranunculus-Flowered,** mixed,	5	.80
p. —— —— **involucratum maximum,** deep scarlet, 2 ft.	.10	2.00
p. —— —— **orientale,** bright scarlet, black centre, 3 ft.	5	1.50
g. p. **Passiflora, (Passion Flower), coccinea,** scarlet, 15 ft.	.25	
a.g.p. —— —— **cœrulea,** blue, 20 ft.	.15	1.50
a. b. **Pansy, (Viola Tricolor), Large-Flowered,** mxd, ¾ ft.	5	3.00
a. b. —— **Belgian Blotched,** extra splendid mixed, ¾ ft.	.25	6.00
a. b. —— **English Prize,** from choicest dark collections, ¾ ft.	.50	
a. b. —— **Queen of the Dwarfs,** dwarf, extra mixed, ½ ft.	.25	
a. b. —— **Odier, or Five-Blotched,** finest mixed, ¾ ft.	.50	
a. b. —— package of 20 separate varieties,	1.50	
a. b. —— " " 12 " "	1.00	
a. b. —— " " 6 " "	.50	
a. **Petunia,** good mixed, 2 ft.	5	1.50
a. —— **hybrid,** extra fine mixed, 2 ft.	.15	8.00
a. —— —— **Large-Flowered, striped and blotched,**	.20	10.00
a. —— —— —— **Double, finest mixed,** 2 ft.	.50	
a. —— —— —— package of 12 separate colors, **Single,**	1.25	
a. —— —— —— " " 6 " " **Double,**	.75	

		per pkt.	per oz.
p.	**Pentstemon,** mixed, 2 ft.	.15	5.00
p.	—— **hybridus,** finest extra mixed, 2 ft.	.25	
a.o.f.	**Perilla nankinensis,** fine purple-black foliage, 2 ft.	5	.60
a.o.f.	—— —— **atropurpurea laciniata,** dark elegant foliage	5	.60
a.g.p.	**Pelargonium, Large-Flowered,** finest extra mixed,	.50	
a.g.p.	—— **Zonale, tricolor and bronze,** extra mixed, 1½ ft.	.50	
a.g.p.	—— —— **scarlet shades,** finest mixed, 1½ ft.	.25	
p.	**Pæonia chinensis, Double,** finest mixed, 2 ft.	.25	
a.g.c.	**Phaseolus caracalla,** fine lilac and white climber, 10 ft.	.20	
a.	**Phlox Drummondii,** choicest extra mixed, 1 ft.	5	1.00
a.	—— —— package of 12 separate colors,	.1.00	
a.	—— —— " " 6 " "	.50	
a.	—— —— **Pure White,** 1 ft.	.10	1.25
a.	—— —— **Scarlet,** 1 ft.	.10	1.25
a.	—— —— **Dark Crimson,** 1 ft.	.10	1.25
p.	—— **decussata, Perennial,** extra fine mixed, 3 ft.	.15	3.00
a.	**Portulaca, Single,** extra fine mixed, ½ ft.	5	1.00
a.	—— —— package of 8 separate colors,	.40	
a.	—— **Double, choicest extra mixed,** ½ ft.	.15	10.00
a.	—— —— package of 6 separate colors,	.50	
p.	**Polemonium,** blue and white, mixed, 1 ft.	5	.60
p.	**Potentilla, Double,** fine mixed, 1½ ft.	.15	
g.p.	**Primula sinensis, (Chinese Primrose),** mixed, ¾ ft.	.25	12.00
g.p.	—— —— **fimbriata, (fringed),** extra mixed, ¾ ft.	.50	
g.p.	—— —— —— **kermesina splendens,** crimson, ¾ ft.	.50	
g.p.	—— —— —— **punctata,** spotted, ¾ ft.	.50	
g.p.	—— —— —— **striata,** striped, ¾ ft.	.50	
g.p.	—— —— —— **lilac, margined white,** ¾ ft.	.50	
g.p.	—— —— —— **bruneifolia rosea,** ¾ ft.	.50	
g.p.	—— —— —— **globosa alba,** compact white, ¾ ft.	.50	
g.p.	—— —— —— " **rubra,** compact red, ¾ ft.	.50	
g.p.	—— —— —— **filicifolia, (fern-leaved),** white, ¾ ft.	.50	
g.p.	—— —— —— " " " crimson, ¾ ft.	.50	
g.p.	—— —— —— **Village Maid,** white and carmine, ¾ ft.	.50	
g.p.	—— —— —— **William's Queen of Whites,** ¾ ft.	—	—
g.p.	—— —— —— **Rubra Magnifica,** purple crimson, ¾ ft.	—	—
p.	**Primula Auricula,** choicest mixed, ¾ ft.	.25	10.00
p.	—— **veris, (Polyanthus),** good mixed, ½ ft.	.10	2.00
p.	—— —— —— **extra choice mixed,** ½ ft.	.20	8.00
p.	—— **Japonica, (Japan Primrose),** finest mixed, 1½ ft.	.25	
a.f.p.	**Pyrethrum aureum, Golden-Leaved,** 1 ft.	.10	3.00
p.	—— **hybridum, Double,** finest mixed, 2 ft.	.25	

	per pkt.	per oz.
a. Reseda odorata, (Mignonette,) Large-Flowered . . .	5	.25
a. —— —— Parson's White, 1½ ft.	.10	1.00
a. —— —— Dwarf Compact, red, ¾ ft.	.10	1.00
a. —— —— Boquet Pyramidal, crimson scarlet, 1½ ft. .	.10	1.00
a. —— —— Giant Pyramidal, bright red, 2 ft.	.10	1.00
a.o.f. Ricinus, (Castor Bean), sanguineus, red-leaved, 6 ft.	.10	.35
a.o.f. —— borboniensis arborea, giant fol., d'k green, 12 ft.	.10	.35
a.o.f. —— Philippines species, splendid foliage, d'k, 10 ft.	.10	.50
a.o.f. —— guyanensis nanus, dwarf, with rose fruits, 4 ft.	.10	.50
a. e. Rhodanthe atrosanguinea, everlasting, purple, 1 ft. .	.15	6.00
a. e. —— maculata, everlasting, rose, 1 ft.	.10	2.50
a. e. —— —— everlasting, white, 1 ft.	.10	2.50
p. Rocket, (Hesperis), white, sweet, 2 ft.	5	.60
a.g.p. Salvia nana compacta, scarlet, 2 ft.	.15	2.00
a.g.p. —— splendens compacta, scarlet, 3 ft.	.25	
a.g.p. —— —— alba, white, 3 ft.	—	
a.g.p. —— patens, deep blue, 2 ft.	.25	
o.f.p. —— Japonica, crimson foliage, blue flowers, 2 ft. . . .	.15	5.00
a. Salpiglossis variabilis grandiflora, ex. mixed, 2 ft.	.10	2.00
a. —— —— —— package of 6 separate colors, ... 1.00		
a. Sanvitalia procumbens, Double, yellow, ¾ ft.	.10	1.00
a. Schizanthus, fine mixed, 1 ft.	5	.80
Sensitive. See Mimosa.		
a. Senecio elegans (Jacobæa), Double, ex. mixed, 2 ft.	.10	1.50
Stock, or 10 Weeks' Stock Gillyflower, (Mathiola).		
a. —— Double Dwarf German, garden saved, mxd, 1 ft.	5	2.50
a. —— —— —— Large-Flowering, finest pot seed, mxd.	.15	6.00
a. —— —— —— —— package of 12 separate colors, . . 1.00		
a. —— —— —— —— " " 8 " " 75		
a. —— —— —— —— Pure White, 1½ ft.	.20	6.00
a. —— —— —— —— Bright Scarlet, 1½ ft.	.20	6.00
a. —— —— —— —— Dark Blood Red, 1½ ft.	.20	6.00
a. —— —— —— —— Canary Yellow, 1½ ft.	.20	6.00
a. —— —— —— —— Carmine Purple, 1½ ft.	.20	6.00
a. —— —— —— —— Bright Rose, 1½ ft.	.20	6.00
a. —— —— —— —— Celestial Blue, 1½ ft.	.20	
a.g.b. —— —— Autumnal Brompton, fine mixed	.20	7.00
a.g.b. —— —— East Lothian Autumnal, White	.25	
a.g.b. —— —— " " " Scarlet	.25	
a.g.b. —— —— " " " mixed	.25	
g.p. —— —— Perpetual Emperor, White	.25	
g.p. —— —— " " Crimson	.25	

		per pkt.	per oz.
a.	**Scabious, Dwarf, Double,** finest mixed, ½ ft.	5	.60
a.	—— —— —— package of 6 separate colors, ...35		
a.	—— **Mourning Bride,** black purple, 2 ft.	5	.60
a.	—— **candidissima,** white, 2 ft.	.10	1.00
a.	—— **atropurpurea major compacta,** mixed, 1 ft. .	.10	1.00
a.	**Silene armeria, (Catchfly),** fine mixed, 2 ft.	5	.60
a.	—— **reticulata,** crimson, 2 ft.	5	.60
a.	—— **pendula compacta,** dwarf, pink, ½ ft.	5	.60
p.	—— **orientalis compacta,** rose, 2 ft.	5	.80
	Smilax. See Myrsiphyllum.		
	Sweet Peas. See Lathyrus.		
	Sweet William. See Dianthus.		
a.g.p.	**Stevia, Eupatoria,** white, 2 ft.	.10	1.50
a.g.p.	—— **Lindleyana,** white, sweet-scented, 2 ft.	.10	1.50
a.g.p.	—— **purpurea,** purple, 2 ft.	.10	2.00
a.o.f.	**Suæda dendroides,** glaucous-green, heath-like fol. 5 ft.	5	1.00
	Tagetes, (Marigold).		
a.	—— **African, Double,** finest mixed, 2 ft.	5	.60
a.	—— —— —— package of 6 separate varieties, ...35		
a.	—— **French Tall, Double,** finest extra mixed, 2 ft. .	5	.60
a.	—— —— **Dwarf, Double,** finest mixed, 1 ft.	5	.60
a.	—— —— package of 6 separate varieties, ...35		
a.	—— **signata pumila,** fine single dwarf, 1 ft.	5	.80
g. c.	**Tacsonia ignea,** scarlet, 10 ft.	.20	
g. c.	—— **Van Volxemi, Large-Flowered,** br. scar. 10 ft.	.30	
	Tropæolum, (Nasturtium).		
a. c.	—— **Climbing, Large-Flowered,** extra mixed, 8 ft.	5	.20
a. c.	—— —— —— package of 8 separate colors, ...40		
a. c.	—— —— —— **Crimson,** 8 ft.	.10	.25
a. c.	—— —— —— **Scarlet,** 8 ft.	.10	.25
a. c.	—— —— —— **Yellow,** 8 ft.	.10	.25
	—— **Lobbianum.**		
a. c.	—— —— **Climbing, Small-Flowered,** ex. mixed, 10 ft.	.10	.60
a. c.	—— —— package of 8 separate colors, ...75		
a.	—— **Tom Thumb, Dwarf,** extra fine mixed, 1 ft. . .	.10	.40
a.	—— —— —— package of 12 separate colors, ...75		
a.	—— —— —— " " 8 " " 50		
a.	—— —— —— **Black Crimson King,** 1 ft.	.10	.50
a.	—— —— —— **Scarlet King,** 1 ft.	.10	.50
a.	—— —— —— **Golden King,** 1 ft.	.10	.50
a.	—— —— —— **Crystal Palace,** spotted, 1 ft.	.10	.50
a.	**Trifolium suaveolens, (Sweet Clover),** 2 ft.	5	.60

	per pkt.	per oz.
a.g.p. **Tritoma uvaria,** scarlet and yellow, 4 ft.	.15	2.00
a. c. **Thunbergia,** fine mixed, 6 ft.	5	.60
a. c. —— **aurantiaca,** orange, with black eye, 6 ft.	.10	.80
a. c. —— **Bakeri,** pure white, 6 ft.	.10	.80
g. c. —— **coccinea,** scarlet, 6 ft.	.25	
a. **Valeriana,** white and scarlet, mixed, 2 ft.	5	.60
a. **Verbena,** good common mixed, 1 ft.	5	1.50
a. —— **hybrida, Extra Mixed,** from named flowers, 1 ft.	.15	5.00
a. —— —— **White,** 1 ft.	.25	6.00
a. —— —— **Blue,** 1 ft.	.25	
a. —— —— **Scarlet,** 1 ft.	.25	
g.p. —— **Citriodora (Aloysia),** lemon-scented, 2 ft.	.25	
a. **Veronica, Annual sorts,** mixed, 2 ft.	5	1.50
p. —— **Perennial sorts,** mixed, 3 ft.	5	1.50
p. —— **candida,** silvery foliage, blue, 1 ft.	.10	2.00
g.p. **Vinca rosea,** rose, 2 ft.	.10	2.00
g.p. —— —— **alba,** white, with rose eye, 2 ft.	.10	2.00
g.p. —— **alba,** pure white, 2 ft.	.10	2.00
a. **Viscaria hybrida splendens,** diverse colors, 1 ft.	5	.60
a. —— **oculata cœrulea,** blue, 1 ft.	5	.60
a. —— **cardinalis,** scarlet, 1 ft.	5	.60
a. —— **elegans picta,** white and scarlet, 1 ft.	5	.60
a. —— **finest mixed,** 1 ft.	5	.60
p. **Viola cornuta,** blue, ½ ft.	.25	
p. —— —— **alba,** white, ½ ft.	.15	
p. —— —— **lutea,** yellow, ½ ft.	.15	
p. —— **odorata semperflorens,** sweet-scented, ½ ft.	.15	2.50
a. **Vittadenia triloba,** daisy-like flowers, ½ ft	.10	4.00
a.g.p. **Wallflower,(Cheiranthus), Double,** ex. fine mxd, 2 ft.	.20	8.00
a. e. **Waitzia grandiflora,** everlasting, yellow, 1 ft.	.25	
p. **Wahlenbergia grandiflora, (Bell-Flower),** blue, 2 ft.	5	1.25
p. —— —— —— **alba,** white, 2 ft.	5	1.50
a. **Whitlavia grandiflora,** blue, 1 ft.	5	.40
a. —— —— **alba,** white, 1 ft.	5	.40
a. —— —— **fine mixed,** 1 ft.	5	.40
a. e. **Xeranthemum, (Everlasting), Double White,** 2 ft.	5	1.00
a. e. —— —— **Double Purple,** 2 ft.	5	1.00
a. **Zinnia elegans, Double,** extra fine mixed, 3 ft.	5	1.00
a. —— —— —— package of 6 separate colors,	.40	
a. —— —— —— **White,** 3 ft.	.10	1.25
a. —— **Haageana, Double,** orange, 1 ft.	.15	
a. **Zea, (Maize), Japonica,** white and green strip'd fol. 6 ft.	5	.15

ORNAMENTAL GRASSES.

FOR WINTER BOQUETS AND ORNAMENTAL GARDENING.

B, for boquets. *S*, garden specimen plants.

		per pkt.
a. B.	**Agrostis nebulosa,** elegant, fine, and feathery, 1½ ft.	$ 5
a. B.	—— **pulchella,** exceedingly graceful, 1 ft.	5
g. p. S.	**Arundo conspicua,** splendid large variety, silvery spikes, 8 ft.	.25
a. B.	**Avena sterilis,** (Animated Oats), drooping spikes, 2 ft.	5
a. B.	**Briza Maxima,** (Quaking Grass), pretty shaking panicles, 1½ ft.	5
a. B.	—— **minima,** small graceful variety of above, 1 ft.	5
p. B.	**Bromus brizæformis,** elegant drooping panicles, 2 ft.	5
g. p. S.	**Erianthus Ravennæ,** fine free growing large variety, 8 ft.	.15
a. B.	**Eragrostis elegans,** (Love Grass), useful, elegant variety, 2 ft.	5
a. S.	—— **maxima,** very handsome and decorative variety, 4 ft.	.15
p. B.	**Eulalia Japonica,** elegant variety, 5 ft.	.20
p. S.	**Imperata sacchariflora,** elegant plumes, 5 ft.	.20
a. B.	**Lagurus ovatus,** (Hare's-Tail Grass), white silky plumes, 1 ft.	5
p. B.	**Lasiagrostis argentea,** pretty silvery spikes	.10
p. B.	**Melica ciliata,** splendid boquet grass	.10
p. B.	**Stipa elegantissima,** most elegant and graceful variety, 1 ft.	.10
p. B.	—— **pennata,** (Feather-Grass), beautiful feathery plumes, 1½ ft.	.10
p. B.	**Tricholæna violacea,** elegant, fine rosy-violet tinted, 2 ft.	.10

Flower Seeds for 1879.

Under this head we offer **NEW AND RARE VARIETIES**, and **CHOICE OLDER SORTS**, not elsewhere mentioned in this Catalogue. Descriptions of **NEW** varieties are by their introducers.

The varieties designated by a ☞ are those recently introduced.

per pkt.

☞**Abronia Fragrans.** White flowers, emitting a vanilla-like fragrance . . .50

☞**Alonsoa Patagonica.** Early and free-flowered annual, dwarf, about fifteen inches in height, forming compact bushes, with flowers of brilliant scarlet, fine shape, and disposed in densely set spikes 15

Alonsoa Albiflora, white, fine for bouquets 10

☞**Alonsoa Hybrida Magnifica Atrococcinea.** The flowers of this variety are of a deeper scarlet than the type. The foliage and flower-stalks dark green passing into brown, the whole plant rendered especially attractive by its very dark shade 30

Aster, Washington, enormous flowers, very double, two colors, as follows:

Pure White 25

Peach-Blossom 25

Aster, Goliath (Mont Blanc), mixed colors, very large flowers, fine 15

Amaranthus Henderi, splendid varie-colored foliage, magnificent variety, 4 ft. .25

Amaranthus Hybridus Atrosanguineus, beautiful variety, of robust growth, dark blood-red in color 15

Amaranthus Olbiensis Sanguineus. A brilliant ornamental plant, attaining a height of 3 to 4 feet, forming a broad-based pyramid like Am. Salicifolius. The foliage, which is large and recurved, is of blackish-purple on the lower part, passing into a unique tint of brilliant blood-red 15

Amaranthus Sanguineus Elatior. A gigantic variety, fine for single specimens, large groups, or back rows of wide borders. The whole plant from the bottom to the top is of a uniform deep purplish-red color, set off by carmine veins 15

Amaranthus Amabilis Tricolor, foliage, rose, yellow, and fiery-red, fine, 2 ft. .15

Angelonia Grandiflora, green-house plant, fine spikes of blue flowers 25

☞**Begonia Robusta Perfecta, Tuberous-rooted Hybrid.** A new variety, of particularly robust habit, with succulent dark green foliage, which attracts the eye at once. The flowers have great firmness of texture, and are of a brilliant cinnabar-scarlet, melting into a delicate rose towards the throat. Seedlings raised in February attain a height of 12 to 13 inches, strong and stocky in growth 50

per pkt.

☞**Begonia, "Defiance," Tuberous-rooted Hybrid.** A cross between "Frœbeli" and "Veitchi," of strong and bushy habit, large bell-shaped flowers, dazzling scarlet, produced in great abundance 50

☞**Begonia, Non Plus Ultra, Tuberous-rooted Hybrid,** large pendulous flowers of dazzling scarlet 50

Begonia Frœbeli, Tuberous-rooted, free-blooming, nearly hardy species, from the Andes, flowers bright scarlet, and stand well above the foliage, a splendid summer bedder 50

Begonia, Mont Blanc, Tuberous-rooted Hybrid, free-blooming, white flowers, very fine 50

Begonia, Tuberous-rooted Hybrids, of the newest and most beautiful single-flowered varieties in splendid mixture 25

Bellis Perennis Flore Albo Pleno, beautiful variety of the double Daisy, pure white, quite constant, very fine 25

Browallia Roezli, a species differing from other Browallias; the plants forming dense, compact bushes 16 to 20 inches in height. The leaves are shining green, and the flowers shading from pure white to azure blue, are double the size of the other sorts 25

Bocconia Frutescens, green-house foliage plant, fine for decoration of lawns in summer 15

Callirhoe Pedata Nana Compacta, dwarf, compact plant, with carmine flowers 20

☞**Campanula Speculum Flore Pleno, (Double Venus Looking Glass),** a beautiful double blue variety of Campanula Speculum. The seed produces a large percentage of charming double flowers, the elegant form of which renders them admirably adapted for boquets 50

☞**Celosia Cristata Variegata Præcox Pyramidalis.** This variety forms a large, beautiful, symmetrical pyramid, the large central comb crowning the multitude of smaller combs of other branches, which differ in shape and variegation. The plant, early-flowered and robust, attains a height of 4 feet, and is extremely handsome, either singly or in groups 25

☞**Celosia Cristata Variegata Præcox Pyramidalis Nana,** a variety of the preceding — but dwarf in habit, and like that variety, a plant of striking beauty, hardy, early-flowered, and well adapted for open borders . .25

☞**Celosia Cristata, "Glasgow Prize,"** a splendid variety of Cockscomb — the combs of which have measured 32 to 34 inches in length by 14 to 16 in breadth; has received many prizes 25

Celosia Cristata, "President Thiers," the earliest, and a very dwarf variety of Cockscomb, of brilliant deep crimson color, remarkable for its large and uniformly fine shaped combs 15

Celosia Cristata nana coccinea, (Dwarf Cockscomb), fiery-scarlet 15

☞**Cyclamen Persicum Giganteum,** new, splendid variety, fine foliage, very large flowers with broad petals of great substance $1.00

Coleus Hybridus, Hybrids of newest varieties in splendid mixture 50

Egg Plant, (Ornamental), scarlet-fruited 15

Egg Plant, " white-fruited 15

☞**Eschscholtzia, "Mandarin,"** new splendid variety, flowers rich orange color inside, brilliant crimson-scarlet outside 25

Eucalyptus Globulus, (Blue Gum, or Fever Destroying Tree). Besides being ornamental for sub-tropical gardening while young, it is attracting much attention for the powerful influence it has in destroying the malarious agency which is supposed to cause fever in marshy districts, .15

per pkt.

☞**Godetia Whitneyi, "Lady Albemarle,"** a compact growing and beautiful variety with large flowers, brilliant glowing crimson in color 15

Gunnera Manicata, magnificent foliage plant, with enormons leaves, nearly or quite hardy perennial 50

☞**Humea Elegans Alba,** a striking novelty, free-flowering and graceful with exceedingly dark-green foliage and white flowers 50

☞**Heliotropium "Madame de Blonay,"** a beautiful white-flowered variety, robust and vigorous grower, and very floriferous, well suited, and recommended for boquets 25

Kaulfussia Amelloides Kermesina, crimson-flowered, very fine 15

☞**Lobelia Pumila Duplex Atrocœrulea,** beautiful *semi-double* deep blue variety, belonging to the Dwarf or Lilliputian section 25

Lobelia Pumila Grandiflora, as compact and dense in habit of growth as others of the Pumila section, but about 4 inches in height, comparatively very large flowered, and of an intense blue color 15

☞**Lobelia Pumila "Magnifica."** One of the finest formed Lobelias in cultivation. In habit it resembles the fine foliaged Pumila varieties, while the flowers are of immense size and of the richest ultramarine blue color 50

Pansy, "Emperor William," dwarf, compact, black-purple 25

☞**Petunia Grandiflora Fimbriata Fl. Pl.,** a magnificent large double fringed variety, of exquisite form and coloring, rivaling in delicacy and richness of tints the finest carnations 75

Petunia Grandiflora Superbissima, large splendid flowers of various colors, with throats strikingly marked 50

Petunia Grandiflora, Single Fringed, a beautiful variety, with large flowers finely fringed 50

☞**Petunia Hybrida Nana Compacta Multiflora.** A new dwarf variety, each plant forming a compact and densely-branched bush 5 to 8 inches high by as much in diameter, and a remarkably profuse bloomer. The flowers begin to open when the plants are but three inches high, and are of a brilliant cherry-red, each one marked with a regularly formed white star 50

☞**Phlox Drummondi Grandiflora,** splendid variety, flowers very large, of various colors, with white centers 15

☞**Phlox Drummondi Grandiflora Splendens,** robust plant, very large flowers of vivid crimson with white center 25

☞**Phlox Heynholdi "Perfection,"** new splendid variety of very dwarf and compact habit. The plants are globe-shaped, of about 4 or 5 inches in height, and densely covered with brilliant scarlet blossoms throughout the season until the autumn. Especially suited for pot culture, and for edges and masses in gardens 50

☞**Phlox Drummondi Nana Compacta Atrococcinea,** a fine acquisition, recommended for edging and dwarf beds. Foliage deepest dark green and flowers fiery-red 50

☞**Phlox Drummondi Nana "Fireball,"** robust variety, forming dense bushes studded with scarlet flowers. A profuse bloomer and valuable for bedding 25

☞**Phlox Drummondi Nana "Snowball,"** a novelty similar to Phlox Drummondi "Fireball," and companion to it, differing only in color, which is snow white 50

per pkt.

Platygonia Kæmpferi, a curious, hardy, perennial tuberous-rooted, vigorous-growing vine from Japan, with long white flowers, fringed at the margin, open in the evening and close next mid-day, followed by fruits in the form of berries, which are bright red when ripe. Its ample foliage well adapts it for covering walls, trellises, &c. 50

☞**Primula Sinensis Fimbriata Coccinea.** Superb variety, flowers very large, exquisitely fringed, of great substance, color brilliant scarlet, with bright sulphur eye 1.00

Primula Sinensis Fimbriata Fl. Pl. The beautiful fringed Double Chinese Primrose. Double White 50

Double Crimson 50

☞**Pyrethrum, "Golden Gem,"** new and beautiful golden foliage plant, of compact growth, with pretty flowers, white and very double 25

☞**Reseda Odorata (Mignonette), "Miles Hybrid Spiral."** Recommended as far superior to any other in cultivation, of dwarf and branching habit, with flower spikes 8 to 14 inches in length and exceedingly fragrant 25

Reseda Odorata "Victoria," large flowered crimson-scarlet Mignonette, .15

☞**Romneya Coulteri,** half-hardy biennial, with very large salver-shaped white flowers, of exquisite fragrance and very free-blooming 25

☞**Salvia Farinacea.** This, when known, will doubtless become a general favorite. Its habit of growth much resembles S. splendens. The plants from early sown seed begin to bloom as early as July, the flowers of a light blue on erect spikes 9 to 18 inches long, and not only the flowers, but the wooly-haired bracts, colored from light to dark blue, which keep on for months, constitute a large portion of the beauty of the plant 50

Salvia Coccinea Grandiflora Bicolor, very beautiful variety. The leaves, stem and spikes are silvery-white variegated, and the large flowers have a pure white helmet, the under part being bright carmine 15

Silene Pendula Nana Compacta, very dwarf, profuse blooming plant, suitable for edges of borders, with flowers of bright pink or rose. Annual 15

☞**Thomasinia Verticullaris,** rare and ornamental as single plants on lawns, with dark green finely-cut leaves 30

☞**Torenia Fournieri,** sky-blue with blackish-purple spots. Beautiful as a pot plant, and with proper treatment may be grown in the garden 50

Wigandia Caracasana, a magnificent ornamental foliaged plant, with large richly veined leaves 25

☞**Xeranthemum Annuum Superbissimum.** A new large globe-flowered very double variety, by far the best Xeranthemum hitherto known, and which will be found indispensable for all who make use of dried flowers 25

☞**Zinnia Elegans "Gloriosa."** This splendid variety is the Goliath amongst Zinnias, as large in flower as a good sized Dahlia, imbricately double, beautiful in form, golden-yellow in color 15

☞**Zinnia Darwini Nana Compacta,** Hybrid of Haageana and Elegans. Dwarf, compact plant, 18 inches in height, with imbricated double flowers of many colors 15

☞**Zinnia Darwini, Vittata,** of slightly larger growth than Z. Darwini Nana, forming dense, globular bushes, free blooming, with very double imbricated flowers, beautifully striped like carnations 15

☞**Zinnia Darwini Pyramidalis,** mixed, similar to the last named, except that in this sort the flowers are beautiful self-colors 15

COLLECTIONS OF CHOICE VARIETIES

OF

FRENCH AND GERMAN FLOWER SEEDS

IN PACKAGES OF SEPARATE COLORS.

THESE collections consist of packages of seeds as imported, of special varieties of the same flower, each package containing from four to twelve different colors. Where the most showy, and greatest variety of colors of *special* Flowers are desired, these collections are invaluable. All these collections will be found, each under its appropriate head, in the preceding general list of Flower Seeds, but are here embraced in a special list, for the greater convenience of purchasers of these collections only. Attention is invited to this fact, so that customers may not unintentionally double their orders by selecting from both lists.

Aster,	12	colors, Truffaut's Peony Perfection	$1.25
——	8	" " " "	.75
——	12	" Victoria Imbricated Large-Flowered	1.25
——	6	" " " " "	.75
——	12	" Truffaut's Imbricated Pompon	1.00
——	6	" Needle Perfection	.50
——	4	" Crown Pompon Cocardeau	.50
——	6	" Needle Cocardeau	.50
——	8	" Large Rose-Flowered	.50
——	12	" Reid's Globe Quilled	.75
——	10	" German Quilled	.50
——	10	" Pyramidal Globe-Flowered	.50
——	12	" Dwarf Chrysanthemum-Flowered	1.00
——	6	" " " "	.50
——	8	" Dwarf Imbricated Pompon, (Early Flowering)	.75
Balsam,	12	colors, Camellia-Flowered, Double	1.25
——	6	" " " "	.75
——	12	" Rose-Flowered, Double	1.25
——	6	" " " "	.75
——	8	" Carnation-Striped, Double	.75
Stock,	12	colors, Large-Flowering, Dwarf, Double German ten weeks	1.00
——	8	" " " " " " " "	.75
——	12	" " " Robust Rocket, ten weeks	1.00
Antirrhinum (Snapdragon),	8	colors, splendid varieties	.50
Canna,	12	varieties	.75
Celosia (Cockscomb),	6	colors, Tall	.50
——	"	6 " Dwarf	.50
Delphinium (Larkspur),	10	colors, Double Rocket	.50
——	"	8 " Double Branching	.50
Dianthus Caryophyllus (Double Carnation Pink),	25	varieties	2.00
"	"	" " " " 12 "	1.00

Dianthus Chinensis, 12 colors, Double 60
Eternals (Elichrysum), 10 colors 50
—— " 8 " Double 50
Everlasting (Immortelles), 25 varieties 1.50
Gourds, 12 varieties, Ornamental 60
—— 12 " " Smallest Sorts 60
Grasses, Ornamental, 10 varieties 75
—— —— 25 " 1.25
Hollyhock, 8 colors, Double German 75
—— 12 " Prize Double 1.50
—— 6 " " " 1.00
Ipomea (Morning Glory), 10 colors, annual climber 50
Lathyrus Odoratus (Sweet Peas), 10 colors 50
Lobelia, 10 varieties 75
Lupinus, 12 varieties 50
Mirabilis hybrida, 8 colors, (Marvel of Peru, Four-o'clocks) 35
Pansy, 20 varieties 1.50
—— 12 " 1.00
—— 6 " 50
Papaver (Poppy), 10 colors, Double, annual 50
Petunia, 12 colors, Single 1.25
—— 12 " Double 1.50
—— 6 " " 75
Phlox, 12 colors, Drummond's Annual 1.00
—— 6 " " " 50
—— 6 " " " Grandiflora 75
Portulaca, 6 colors, Double 50
—— 8 " Single 40
Primula Sinensis, 12 varieties, Chinese Primrose 2.00
Ricinus, 10 varieties, (Castor Bean) 1.00
Salpiglossis, 6 colors, (variabilis grandiflora) 1.00
Scabiosa, 6 colors, Double Dwarf 35
Tagetes, (Marigold), 6 varieties, Double African 35
—— —— 6 " Double French 35
Tropœolum (Nasturtium), 8 colors, Large Flowered, Climbing . . .40
—— —— 8 colors, Lobbianum, Small Flowered, Climbing 75
—— —— 12 " Tom Thumb, Dwarf 75
—— —— 8 " " " " 50
Wallflower, 6 colors, Double 75
Zinnia, 6 colors, Double 40
—— 6 " " Dwarf 60

SUMMER FLOWERING PLANTS.

BULBOUS AND TUBEROUS ROOTED.

(FOR SPRING PLANTING.)

GLADIOLUS.—SPLENDID FRENCH HYBRIDS.

Of summer blooming plants, for general garden decoration, the Gladiolus is deserving of special attention. Requiring but little room for growth, they are exceedingly useful for filling up vacant places in the borders; while for massing in large beds, where a brilliant and effective display is desired, they are invaluable. Largely excelling all other strains of this superb plant are the splendid French Hybrids, which are conceded by critical florists to combine, to a much greater extent, diversity and richness of coloring with beauty and form of flowers. We offer true French grown roots, of our own importation, in *mixtures of all colors;* in *mixtures of special shades;* and in *named varieties of special colors.*

IN MIXTURES.	Each.	Doz.	Hund.
Extra Fine Mixed, All Colors	.10	.75	$5.00
IN SHADES.			
Rose and Violet Shades, Extra Fine Mixed	.15	$1.25	8.00
Scarlet and Red Shades, Extra Fine Mixed	.15	1.25	8.00
White Shades, Extra Fine Mixed	.15	1.50	10.00
Yellow Shades, Extra Fine Mixed	.15	1.50	10.00

GLADIOLUS.—SPLENDID FRENCH HYBRIDS.

NAMED VARIETIES IN COLLECTIONS.

Any of the varieties may be had separately, if desired.

CLASS NO. 1. Twelve Varieties, Choice Flowers, Fine Colors.

Addison, dark amaranth, lightly striped with white . . . . . $ .40
Etendard, white, purple throat 35
Eldorado, yellow, crimson throat 25
Lamarck, bright fiery-scarlet, white throat 25
Madame Furtado, rosy-white, striped and blazed carmine 25
Martha, white, blazed with carmine-rose 35
Pericles, bright rose-flamed carmine, white throat 35
Racine, brilliant cherry-carmine, white throat 35
Romulus, brilliant dark crimson, white throat 20
Stella, light yellow, stained and spotted with carmine 30
Themis, delicate satin-rose flushed carmine, creamy throat 30
Thunberg, bright orange scarlet, white throat 25

The above Class of twelve, one root of each, $3.00. $3.60

CLASS NO. 2. Twelve Varieties, Extra Flowers, Superb Colors.

Amalthee, pure white, occasionally spotted crimson, violet-red throat . . . $ .75
Antigone, deep rose, flamed carmine 75
Celimene, bright salmon, flamed crimson 75
Colbert, vivid carmine-crimson, white lines 25
Eugene Scribe, very delicate rose, blazed and edged carmine 40
Galilee, brilliant fiery-red, flamed crimson 35
Margarita, white ground, suffused and flaked carmine 25
Meyerbeer, brilliant vermillion-red, purple throat 25
Milton, white, tinted and flaked rose and crimson 50
Regina, white, with delicate tint of lilac 50
Rosea Perfecta, very clear rose with light center, white lines 75
Schiller, beautiful buff, rich carmine throat 1.50

The above Class of twelve, one root of each, $6.00. $7.00

The two Classes, 24 roots in all, one root of each, $8.00.

The following magnificent varieties, taken either together or separately, are worthy a place in any collection, however choice and select it may be. For richness of coloring and form of flowers, they are **pre-eminently beautiful** and quite unsurpassed.

Ambroise Verschaffelt, rosy-carmine, flamed with garnet $1.50
Beatrix, pure white ground, with delicate spots of carmine lilac 1.50
De Mirbel, bright rosy-pink, with tint of carmine 1.75
Horace Vernet, brilliant carmine, deeply tinted vermillion, white throat . 2.00
Jupiter, light red, shading to dark crimson, with blackish tint 2.00
Le Tintoret, fine rosy cherry, flamed carmine, carmine blotched 1.00
Le Vesuve, splendid spike, fine dazzling scarlet of the greatest brilliancy . 2.00
Mary Stuart, white, tinged and blazed with bright carmine cherry 1.25
Madame Desportes, splendid spike, ivory-white, violet throat 2.25
Michel Ange, elegant purple tinted crimson, white throat 2.75
Orpheus, light ground, blazed with carmine, purple throat 1.50
Reine Blanche, fine clear white, dark carmine throat 1.00
Richard Cœur de Lion, crimson-red, flamed garnet, finely spotted yellow . 1.75

TUBEROSE.

A tender bulbous plant of the easiest culture, suitable for the summer garden, or for house forcing throughout the year. For gardens in warm latitudes they may be planted in spring, when danger of frost is past, in good soil, well enriched with fine old cow manure, or rich compost, setting the bulbs six to ten inches apart and slightly under the surface. Where the growing season is short, they must be started in pots in the house, and afterwards turned out into the borders, when the weather is settled and warm. The bloom commences in twelve to fourteen weeks from planting, and usually consists of fifteen to thirty flowers, which are pure white and very fragrant.

	Each.	Doz.	Hund.
Italian Double, (American grown), selected, extra . .	.10	.75	5.00
New Double Dwarf, "Pearl," splendid variety, extra .	.15	1.00	7.00

DAHLIA.

Of summer flowering plants the Dahlia is one of the best, and justly termed the glory of the autumn garden. Being tender the planting should be deferred until the weather has become settled and warm in spring, and the roots taken up before frosts set in, in autumn. One shoot only should be allowed to a plant, and each plant should be supported by a stout stake during the growing season. The varieties are divided into three classes. The "*Show*" and "*Fancy*," are large flowering, and the plants vary in height from three to six feet. The "*Boquet*," "*Lilliputian*," or "*Pompon*," have very small flowers, and are suitable for bouquets, hence the name. They are often very erroneously termed "*Dwarf*," which leads at times to much disappointment, as the plants vary from three to six or more feet in height. *Dwarf* Dahlias are distinct from either of the preceding, and are scarce and not easily obtained. The flowers are as large as the Show varieties, but the plants are very stocky and short-jointed, and seldom exceed two, or two and a half feet in height. Of this class (strictly true) there are as yet but very few colors.

	Each.	Doz.
Show and Fancy, Double, choice colors, assorted	.20	2.00
Boquet, Lilliputian, or Pompon	.20	2.00
Dwarf, or Tom Thumb, Large-Flowering	.20	2.00

Newly introduced or rare varieties, 30c. to 50c. each.

MADEIRA VINE.

A tuberous-rooted climbing plant of rapid growth, with beautiful, thick, wax-like light green leaves, and fragrant, feathery, white flowers. Its culture is simple, the root needs but to be planted and a trellis or strings given it to climb upon. The root is tender and somewhat like a potato, and may receive the same treatment, as respects frosts, housing, &c.

	Each.	Doz.
Selected Roots	.10	1.00

PLANT TRELLISES.

We have a large lot of PLANT TRELLISES to dispose of (part of a bankrupt stock), which we offer at very low rates, to close up the account. The lot comprises a **Great Variety of Styles and Sizes,** suitable for Pot, Garden and Veranda uses. A rare opportunity is afforded purchasers to supply themselves at exceedingly low prices, which may be had on application.

PLANT STAKES, (Round.)

5 ft long X 5/8 in. dia.
4 ft. X 9/16 in. "
3 1/2 ft. X 9/16 in. "
3 ft. X 1/2 in. "
2 1/2 ft. X 7/16 in. "
2 ft. X 3/8 in. "
1 1/2 ft. X 5/16 in "

THE CHASE PATTERN.

The best made, for House, Greenhouse, Conservatory, and LIGHT garden work, where plants require support. Being round, turned tapering their entire length, and painted green, they are exceedingly neat, rather ornamental than otherwise, and in use are not unpleasantly conspicuous.

	Less than 10 of a size.	In larger quantities.
1½ feet (round, painted)	2 cents each,	$1.50 per hundred.
2 " " "	2 " "	2.00 " "
2½ " " "	3 " "	2.50 " "
3 " " "	4 " "	3.50 " "
3½ " " "	5 " "	4.50 " "
4 " " "	6 " "	5.00 " "
5 " " "	7 " "	6.00 " "
6 " " " (Dahlia)	14 " "	12.00 " "

PLANT STAKES, (Square, or Nourse Pattern.)

These are larger and possessed of greater stiffness than the preceding sort, and consequently are better adapted for heavier work, and for the support of plants of robust growth.

	Less than 10 of a size.	In larger quantities.
2 feet (painted)	2 cents each,	$2.00 per hundred.
2½ " "	3 " "	2.50 " "
3 " "	4 " "	3.50 " "
4 " "	6 " "	5.00 " "
5 " "	7 " "	6.00 " "
6 " " light	9 " "	8.00 " "
6 " " extra heavy (Dahlia)	18 " "	16.00 " "

WOOD POT LABELS.

4 inch	per hundred, 25 cents.	Per thousand,	$1.00
5 "	" " 25 cents.	" "	1.25
6 "	" " 25 cents.	" "	1.50
3½ " Tree, (pierced)	" " 25 cents.	" "	1.00
12 " by 1¼ in. wide, for garden plants,	" " 75 cents.		

Boxes of assorted sizes, $1.00.

NOYES' HAND WEEDER.

This is one of the best implements ever invented for assisting where HAND WEEDING is required—light, safe, and remarkably easy to use. Two patterns are manufactured: one diamond-shaped, with pointed end, the other with a square end for working in very narrow rows where the height of the plant necessitates a drawing stroke.

Price, 40 cents each. Per dozen, $4.00.

WHALE OIL SOAP.

One of the most effective, simple and cheapest preparations for the preservation of Trees, Plants, Shrubs, Vines, Rose Bushes, and House and Garden Plants in general, from the ravages of Slugs, Worms, and the various other Insects that infest them. It is sold in the form of thick soap, to be diluted with water as required for use, quite weak for *tender* plants, and stronger according as the hardiness of the plant will permit. For Trees, applied to the foliage, it may be stronger than for small plants, and for cleansing their trunks from Bark-Lice, Worms, and Moss, it may be used of the consistency of common whitewash, and is best applied with a whitewash brush, with syringe to aid in penetrating where the brush fails to reach. As a general rule for application to foliage, seven gallons of water to one pound of soap may be used; but for safety the proper proportion is best ascertained by first mixing the solution, and then testing its strength before using, by immersing a single twig or branch of the kind of plants to which it is to be applied, and wait a few hours for the result. If too strong, more water should be added. If too weak, gradually add more soap until strong enough to kill the Insects without injuring the Plants.

Put up in neat boxes (labeled, with directions for use, &c.,) containing 2 lbs.; 5 lbs.; 10 lbs.; also, sold in larger packages, boxes and barrels.

For Price, see page 20.

GRAFTING WAX.

This Wax is made for us by an experienced nurseryman. We have sold large quantities of it, and find it to give better satisfaction than any Wax we ever offered. It is neatly put up in one-quarter, one-half, and one pound packages.

Price per Pound, 40 cents.

POWDERED WHITE HELLEBORE.

The Hellebore Powder has proved the quickest and most efficacious agent thus far employed for the destruction of the Currant Worm. Although in nature poisonous, it is used with perfect safety for the purpose here recommended. It may be sifted on to the worms through a fine sieve, or better if applied with bellows made for the purpose.

Price per Pound, 40 cents.

POT PLANT FERTILIZER.

Flower Food, prepared especially for House Plants, we keep constantly in stock. While a powerful agent, it is inodorous, and no inconvenience is experienced by its use. It is neatly put up in convenient packages, labeled with directions for use.

Price, 25 to 50 cents.

CARBOLIC PURIFYING POWDER.

This Powder, recommended by physicians and scientific men, and adopted by Boards of Health in some of the most prominent cities, acts like magic in removing all disagreeable and unhealthy odors. It is the best disinfectant known, and far more pleasant and effective than Chloride of Lime. It is invaluable for Sinks, Drains, Water Closets, Damp and Mouldy Places, and, in fact, to use on all kinds of offal, or in places where bad odors exist. It is a preventive of Fevers, promotes the health and vigor of animals, and will free them from vermin if applied thoroughly. It will protect Poultry from disease and lice by giving them enough to roll in. A little mixed with the soil in hills of potatoes will save them from rot. It may be safely used around the roots of Trees, Vines and Plants, to save them from the ravages of worms and insects. It is cheap and should be in general use everywhere.

Put up in Packages at 25 cts. and $1.00 each. By the Barrel, price on application.

Quantity of Seeds usually sown to the Acre.

Beans, Dwarf, in drills or rows	1½	bush.	
Beans, Pole, in hills	8 to 12	qts.	
Beet, in drills	4 to 5	lbs.	
Barley, broadcast	2 to 3	bush.	
Buckwheat, broadcast	¾ to 1	bush.	
Broom Corn, in hills	6 to 8	qts.	
Carrot, in drills	2 to 3	lbs.	
Cucumber, in hills	1 to 2	lbs.	
Corn, in hills	8	qts.	
Corn, in drills for soiling	3	bush.	
Clover, Red, alone	15 to 20	lbs.	
Clover, White, alone	10 to 15	lbs.	
Clover, Alsike, alone	8 to 10	lbs.	
Clover, Lucerne, alone	20	lbs.	
Flax, broadcast	1 to 2	bush.	
Grass, Herds, or Timothy, alone,	½	bush.	
" Red-Top, alone	3	bush.	
" Rhode Island Bent, alone,	3	bush.	
" Lawn, alone	3	bush.	
" Orchard, alone	2 to 3	bush.	
" Fowl Meadow, alone	1 to 2	bush.	
" Kent'y Blue, alone,	2 to 3	bush.	
" English Rye-Grass, alone,	2	bush.	
Millet, Hungarian, alone	½ to 1	bush.	
" Large, alone	½ to 1	bush.	
Mustard, broadcast	12 to 16	qts.	
Oats, broadcast	2 to 3	bush.	
Onion, in drills	4 to 6	lbs.	
Parsnip, in drills	4 to 6	lbs.	
Peas, early, in drills	1¼ to 1½	bush.	
Peas, Marrow, in drills	1¼ to 1½	bush.	
Peas, broadcast	3	bush.	
Potato, cut tubers, in drills,	8 to 10	bush.	
Radish, in drills	8 to 12	lbs.	
Rye, broadcast,	1½	bush.	
Salsify, in drills	6 to 8	lbs.	
Spinach, in drills	8 to 12	lbs.	
Turnip, in drills	1 to 1½	lbs.	
Vetches, broadcast	2 to 3	bush.	
Wheat, broadcast	1½	bush.	

General Grass Seeding for Mowing Lands.

Clover, Timothy, Red-Top, } together for one acre. { 6 lbs. Clover. ½ bu. Timothy. 1 bu. Red-Top.

Quantity of Seeds required for a given number of Plants, or number of Hills, or Length of Drill.

Asparagus	1 oz. to	60 ft. of drill.	
Beet	1 oz. "	50 " " "	
Beans, Dwarf	1 qt. "	100 " " "	
Beans, Pole	1 qt. "	150 hills.	
Carrot	1 oz. "	150 ft. of drill.	
Cabbage	1 oz. "	3000 plants.	
Cauliflower	1 oz. "	3000 "	
Celery	1 oz. "	4000 "	
Cucumber	1 oz. "	50 hills.	
Corn	1 qt. "	400 "	
Dandelion	1 oz. "	200 ft. of drill.	
Endive	1 oz. "	150 " " "	
Egg Plant	1 oz. "	2000 plants.	
Lettuce	1 oz. "	4000 "	
Leek	1 oz. "	100 ft. of drill.	
Melon, Water	1 oz. "	30 hills.	
Melon, Musk	1 oz. to	60 hills.	
Okra	1 oz. "	40 ft. of drill.	
Onion	1 oz. "	100 " " "	
Onion Sets, small,	1 qt. "	40 " " "	
Parsley	1 oz. "	150 " " "	
Parsnip	1 oz. "	200 " " "	
Peas	1 qt. "	100 " " "	
Pumpkin	1 oz. "	40 hills.	
Pepper	1 oz. "	2000 plants.	
Radish	1 oz. "	100 ft. of drill.	
Salsify	1 oz. "	70 " " "	
Spinach	1 oz. "	100 " " "	
Squash, Early	1 oz. "	50 hills.	
Squash, Marrow	1 oz. "	16 "	
Tomato	1 oz. "	3000 plants.	
Turnip	1 oz. "	150 ft. of drill.	

Number of Plants, Trees, etc., required to set an Acre.

Distance.	Number.	Distance.	Number.
1 ft. by 1 ft.	43,560	6 ft. by 6 ft.	1,210
1½ " " 1½ "	19,360	8 " " 8 "	680
2 " " 1 "	21,780	10 " " 10 "	434
2 " " 2 "	10,890	12 " " 12 "	302
2½ " " 2½ "	6,970	15 " " 15 "	194
3 " " 1 "	14,520	18 " " 18 "	134
3 " " 2 "	7,260	20 " " 20 "	103
3 " " 3 "	4,840	25 " " 25 "	70
4 " " 4 "	2,722	30 " " 30 "	40
5 " " 5 "	1,742	40 " " 40 "	27

ANNUAL RETAIL
SCHLEGEL, EVERETT & CO.
1879.
SEED CATALOGUE.